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SIXTY-SECOND

Annual Catalogue

MARIETTA COLLEGE

1895-6

1896 E. R. Alderman & Sons, Printers Marietta, Ohio

| 1895. | | | | 1896. | | | | | | 1896. | | | | | | | | | | |
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| SEPTEMBER. | | | | | JANUARY. | | | | | | MAY, | | | | | | | | | |
| S | M | Т | w | T | F | Sı | s | M | T | W | T | F | \mathbf{s} | $ \mathbf{s} $ | M | T | w | T | F | $\overline{\mathbf{s}}$ |
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| OCTOBER. | | | | FEBRUARY. | | | | | JUNE. | | | | | | | | | | | |
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| NOVEMBER. | | | | MARCH. | | | | JULY. | | | | | | | | | | | | |
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| DECEMBER. | | | | APRIL. | | | | | | AUGUST. | | | | | | | | | | |
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ANNOUNCEMENTS.

- Sept. 17, First term, fifteen weeks, began Tuesday morning. College Y. M. C. A. Week of Prayer, Nov. 10—16. Thanksgiving recess, Nov. 28—Dec. 2.
- Dec. 20. First term ended

Friday.

WINTER VACATION.

From Dec. 20th to Jan. 7th.

1896.

- Jan. 7, Second term, twelve weeks, began
 Jan. 30, Day of Prayer for Colleges,
 Tuesday morning.
 Thursday.
- Feb. 22, Washington's Birthday. Holiday.
- Mar. 23, Exhibition of Literary Societies, Monday evening.
- Mar. 27, Second term ended,

Friday.

SPRING VACATION.

From March 27th to April 7th.

- April 7, Third term, eleven weeks, began Tuesday morning.

 Program of Commencement week, June, 1896.
- June 14, Baccalaureate Address, Sabbath morning.
- June 14, Address before College Y. M. C. A., Sabbath evening,
- June 15, Field Day, Monday.

 June 15, Prize Declamation, Monday evening.
- June 15, Prize Declamation, Monday evening.

 June 16, Class Day, Tuesday.
- June 16, Academy Commencement, Tuesday.
- June 16, Examination for admission Tuesday morning.
- June 17, Meeting of the Board of Trustees, Wednesday morning.
- June 17, Annual meeting and Dinner of Alumni, Wednesday noon.
- June 17, Oration and Poem before Alumni, Wednesday.

 June 18, Commencement, Thursday.

SUMMER VACATION.

From June 16th to Sept. 15th.

- Sept. 14, Entrance Examinations, Monday.
- Sept. 15, First term, fifteen weeks, begins

 Tuesday morning.
- Dec. 23, First term ends Wednesday.

1897.

Jan. 5, Second term, twelve weeks, begins Tuesday morning. Spring Vacation, March 26th to April 6th. Spring term, twelve weeks, begins April 6th.

WAS CHARTERED IN

1835.

Corporate Name: The Trustees of Marietta College.

PRESIDENTS.

| REV. JOEL H. LINSLEY, D. D., | 1835-1846. |
|--|------------|
| REV. HENRY SMITH, D. D., LL. D., | 1846–1855. |
| REV. ISRAEL W. ANDREWS, D. D., LL. D., | 1855–1885. |
| HON. JOHN EATON, PH. D., LL. D., | 1885-1891. |
| REV. JOHN W. SIMPSON, D. D., LL. D., | 1892 |

CORPORATION.

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REV. EDWIN KNOX MITCHELL, D. D.,

HON. EDWARD S. WILSON, HON. RODNEY M. STIMSON,

OFFICERS OF THE BOARD.

JOHN W. SIMPSON, President. WILLIAM W. MILLS, Secretary. RODNEY M. STIMSON, Treasurer. RUFUS R. DAWES, Auditor.

Marietta. Cincinnati. Marietta. Cincinnati, Columbus. Ashland, Ky. Ashland, Ky. Marietta. Washington, D. C. Cincinnati. Marietta. Marietta. Marietta. Bellaire. Mansfield. Parkersburg. W. Va. Providence. R. I. Ironton.

Marietta.

STANDING COMMITTEES

OF THE

CORPORATION.

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WILLIAM W. MILLS.

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MARTIN D. FOLLETT.

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Rufus R. Dawes,

GEORGE R. GEAR.

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WILLIAM W. MILLS.

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John A. Gallaher,

RUFUS R. DAWES,

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JOHN W. SIMPSON.

Physical Culture.

JOHN W. SIMPSON,

ALBERT B. WHITE.

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DAVID F. DAVIES, JOHN MILLS. THOMAS H. KELLY, RUFUS C. DAWES.

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Registrar and Secretary:

Commencement:

Special Students:

Entrance:

Schedule of Work and Examinations:

Deficient Studies:

Dencient Staules.

Athletics:

Discipline:

Library:

Academy Work:

Joseph H. Chamberlin, Edward E. Phillips, John S. Donaghho.

MARTIN R. ANDREWS.

EDWARD E. PHILLIPS, THOMAS E. MCKINNEY, JOHN C. SHEDD, WILLIAM A. COOPER.

JOSEPH H. CHAMBERLIN, MARTIN R. ANDREWS.

JOSEPH H. CHAMBERLIN, JOHN S. DONAGHHO, MARTIN R. ANDREWS.

THOMAS E. MCKINNEY.

WILSON F. MONFORT, MARTIN R. ANDREWS, JOHN C. SHEDD.

JOHN C. SHEDD, JAMES F. JONES, JOSEPH MANLEY.

John W. Simpson, Joseph H. Chamberlin.

RODNEY H. STIMSON, ELMORE M. MONFORT.

JOHN S. DONAGHHO, FRANK C. JORDON, WILLIAM A. HADLEY.

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REV. CHARLES E. NICKERSON, Racine, Wis.

REV. M. W. Acton, Marietta, O.

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JAMES ALLEN SMITH, Ph. D., ECONOMICS AND SOCIOLOGY.

FACULTY.

JOSEPH MANLEY, B. A.,

GREEK LANGUAGE AND LITERATURE.

WILLIAM ALPHA COOPER, B. A., Modern Languages.

WILLIAM CHAMBERLAIN GURLEY, M. A., DIRECTOR OF THE OBSERVATORY.

RODNEY METCALF STIMSON, M. A., LIBRARIAN EMERITUS.

ELMORE MARSDEN MONFORT, B. A., LIBRARIAN.

JAMES FRANCIS JONES, B. S., M. D., INSTRUCTOR IN PHYSIOLOGY, HYGIENE, AND DIRECTOR OF PHYSICAL CULTURE.

JOHN SHAPE DONAGHHO, B. A.,
Acting Principal of the Academy, Instructor in Natural Sciences
and English.

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WILLIAM AARON HADLEY, M. A., LATIN LANGUAGE AND LITERATURE.

WILLIAM E. SYKES, Ph. B.,
INSTRUCTOR IN MATHEMATICS.

LECTURERS BEFORE THE COLLEGE.

REV. WILBUR F. CRAFTS, Ph. D., Christian Sociology

REV. J. H. W. STUCKENBERG, D. D., The Social Problem.

REV. WASHINGTON GLADDEN, D. D., LL. D., MUNICIPAL GOVERNMENT.

HISTORY.

In the year 1830 there was established at Marietta by Rev. Luther G. Bingham the "Institute of Education" It embraced four departments; the two higher-being known as the High School and the Ladies' Seminary. In April, 1831, Mr. Mansfield French became associated with Mr. Bingham as proprietor. In the spring of 1832, after the High School had been in operation about a year and a half, at the instance of Messrs. Bingham and French, an advisory board of trust was appointed, consisting of Caleb Emerson, James Whitney, Dr. S. P. Hildreth, Dr. John Cotton, Arius Nye, Weston Thomas and Douglas Putnam.

On November 22, 1832, a meeting was held at which steps were taken for the incorporation of the institution under the name of the "Marietta Collegiate Institute and Western Teachers' Seminary," and the charter was obtained December 17. The board of trustees consisted of nine men: John Cotton, Douglas Putnam, John Mills, Luther G. Bingham, Caleb Emerson, Arius Nye, Jonas Moore, Anselm T. Nye and John Crawford.

On the 16th of January the organization took place by the choice of John Cotton, M. D., President, Douglas Putnam, Secretary, and John Mills, Treasurer. At the same meeting a resolution was adopted, asking Messrs. Bingham and French to state the terms on which they would transfer their Institute property to the trustees. A few days later these terms were accepted and the property was duly transferred, though the former proprietors were requested to continue in charge until the close of the school year.

Before the institution was opened in the fall of 1833 in its new form, four young men had been appointed to the work of instruction, all members of the Theological Seminary at Andover. Two of these, Henry Smith and D. Howe Allen, had been teachers in the High School at Marietta. The first of these was made professor of Languages; Mr. Allen, professor of Mathematics; Mr. Milo P. Jewett, professor in the Teachers' department; and Mr. Samuel

Maxwell, principal of the Preparatory Department. Mr. Smith was a graduate of Middlebury College, Messrs. Allen and Jewett of Dartmouth, and Mr. Maxwell of Amherst. When the Institute was opened October 16, Messrs. Smith and Maxwell entered upon their work of instruction, while the other two remained in New England presenting the claims of the new institution to the friends of education and religion in that region. The beginning of a new educational year was a change in two respects. Before, the place of instruction was the Library Hall on Front street; now it was a large new building on the College campus. Then, it was one of a group of schools under private owners; now, it became a public institution, under the control of a chartered corporation.

The charter obtained in December, 1832, was defective in giving no power to confer degrees, and in having a clause allowing the legislature to repeal it. In February, 1835, a new charter was granted by the State, giving the necessary power to confer degrees, and without the objectionable clause authorizing a repeal. The name was also changed from the Marietta Collegiate Institute and Western Teachers' Seminary to Marietta Oollege.

In the spring of the same year the Rev. Joel H. Linsley, then pastor of the Park Street Church, Boston, Massachusetts, was elected to the Presidency. Thus when the fall session of the institution was opened as Marietta College in 1835, the faculty consisted of five members; a President, who had charge of the department of Moral and Intellectual Philosophy, a Professor of the Greek and Latin Languages, a Professor of Mathematics and Natural Philosophy, a Professor of Rhetoric and Political Economy, and a Principal of the Preparatory Department.

The College was founded in the interests of religion as well as of education. From the first it was intended to be a Christian College. The trustees in their first published statement, August, 1833, say: "The board wish it to be distinctly understood that the essential doctrines and duties of the Christian religion will be assiduously inculcated, but no sectarian peculiarities of belief will be taught." In their annual report issued September, 1835, they say: "During the past year the board of trust have received new manifestations of the favor of God upon the work in which they are engaged. He has enlarged the circle of the friends and benefactors of the institution,

and has again visited it with the converting influence of His Spirit, bringing a large portion of the youth connected with it to consecrate themselves to the service of Jesus Christ. Engaged, as the board profess themselves to be, in advancing the Redeemer's Kingdom by means of this institution of learning, so signal an expression of approbation of God cannot fail to be the occasion of devout gratitude to Him and of increased ardor in the work."

In the same report they say: "The honor of originating Marietta College is not claimed by the board of trust; its existence cannot properly be ascribed to them or to any combination of individuals, but to the leadings of Divine Providence." The establishment of the College not only had the warm approval of the most intelligent Christian men West and East, but the trustees were urged to go forward by such men as President Day and Professors Goodrich and Silliman, of Yale College, Rev. Dr. William S. Plumer, of Richmond, Virginia, and others. The trustees seem to have been influenced by considerations of duty from the beginning, and their earnest, unceasing and self-denying labors, with the remarkable generosity shown in their oft-repeated gifts, prove that they regarded themselves as engaged in a work laid upon them by the Great Head of the Church.

The first class, numbering four, was graduated in 1838. From that time the series has been unbroken, the number graduating increasing from year to year. Many of these graduates have taken high positions and are yielding great influence in public and professional life. But nothing perhaps better illustrates the influence and thoroughness of this Western Institution than the fact that of the whole number of students who matriculated sixty-three per cent. continued with the College until they had completed the required courses of study and received their diplowas.

The College has had five Presidents, including Dr. Simpson, who entered upon his duties at the Commencement of 1892. Dr. Linsley administered with fidelity and efficiency the affairs of the College for eleven years; Dr. Smith for nine years; Dr. Andrews thirty years and Dr. Eaton six. The loyalty and long devoted service of the Trustees and Faculty are shown in the fact that the whole number of elected Trustees, except Presidents, has been but fifty-six—thirty-three laymen and twenty-three clergymen, and the

whole number of Professors thirty-four. The present faculty is strong and well equipped by acquirements and experience for the work, and the students enjoy the advantage throughout their course of being taught directly by the permanent Professors themselves, a gain of very great value to those seeking a thorough Collegiate training and culture.

LOCATION.

Marietta College is located in the quiet and beautiful little city bearing the same name. It is doubtful if there is any spot in the entire West richer in historic associations. The very name Marietta "was given to the city in its infancy by the officers of our War of Independence just before the breaking out of the French Revolution that carried to the scaffold the unfortunate Marie Antoinette, and was intended to commemorate the Sovereign by whose aid our Independence was achieved." Here also the distinctive ideas, the rights and liberties, the policies and institutions which lie at the base of our American government and which are peculiar to our American civilization, were first planted west of the Alleghenies. Our great, broad interior, so rich and prosperous, is directly connected with, and greatly indebted for its wealth and prosperity to the pioneers who founded Marietta and brought with them the best thought and the richest life of New England. But if Marietta is rich in history it is not less conspicuous for its healthfulness and beauty. Situated at the confluence of the Ohio and Muskingum rivers and in one of the richest and most prosperous valleys of the Central West, it is favored with a fine natural drainage, attractive scenery, and opportunities for quiet study amid inspiring surroundings.

It is very accessible also by the Ohio and Muskingum steamers, the Baltimore and Ohio South-Western, the Cleveland & Marietta, the Ohio River, the Toledo and Ohio Central Extension, the Wheeling & Lake Erie and the Zanesville & Ohio River Railroads.

EQUIPMENT.

BUILDINGS.

The College buildings are conveniently located, in the midst of a large and well-shaded Campus, near to the business portion of the city and post-office, but still far enough from the former to give ample retirement, and the necessary quietness for study and college work. The buildings, four in number, are used exclusively for the purposes of the institution.

Library Building.

The North Building is a large three-story brick structure, and was erected by the former students of the College. The first half of the lower floor, a good-sized, well lighted hall, contains the museum, a description of which is given elsewhere. The second half is occupied by the libraries of the Alpha Kappa and the Psi Gamma Literary Societies. The second and third floors are entirely covered by the College library, forty-three thousand volumes, one of the largest and choicest owned by any educational institution in the West.

Erwin Science Hall.

Science Hall, also a large three-story brick structure, contains upon its ground floor the Mathematical and Political Science recitation rooms, the recitation room and Laboratory of the department of Physics. The whole of the second floor is used for the work of Biology and Chemistry. Large recitation and investigating rooms are provided, and a good modern equipment for thorough study and experiment. The third story is divided into two commodious halls, used by the Psi Gamma and Alpha Kappa Literary Societies. These have been newly frescoed, recarpeted with handsome Brussels carpet and supplied with new furniture.

Dormitory.

The Dormitory, a four-story building, contains more than thirty rooms for the use of students. Each student can have one of these

rooms for his individual use, or if he prefers, he can select a roommate, the rooms being ample in size for two. Here also are the parlors of the Y. M. C. A., in which the students' weekly prayer meetings are held, and meetings for the promotion of increased Missionary and Christian activity.

Andrews Hall.

The most beautiful and valuable of all the College structures is Andrews Hall, bearing the name of Israel Ward Andrews, D. D., LL. D., for thirty years the honored and beloved President of Marietta. It is of pressed brick with heavy stone trimmings, modern in style of architecture, and is provided with one of the latest and most improved systems of heating and ventilation. The building, with its more than a dozen cheerful, well-arranged recitation rooms, spacious chapel, literary hall and laboratory, is a monument of the good will and generosity of the Marietta people, through whose ample gifts if was erected.

THE OBSERVATORY.

The Observatory has been removed from its former location to a very attractive spot, not only very near to the College, but quite free from atmospheric disturbances and very suitable for astronomical work. The telescope is of excellent workmanship, equatorially mounted and furnished with a Bond spring governor, has a six and a quarter inch object glass, and is ample in power to meet all the needs of class work. A valuable Siderial clock, Sextant, transit, Spectroscope, position Micrometer with telescope, are owned by the College, and other apparatus for exact and scientific investigations are being arranged for, so that the students may be supplied with everything necessary to enable them to study Astronomy in a practical and scientific way.

MUSEUM.

Through the efforts of the College itself and the gifts of valuable private collections, Marietta College now possesses a choice collection of specimens, Mineralogical, Geological and Botanical. These

specimens have been gathered with reference to their value in practical instruction, rather than for mere exhibition. To attain this end they have been classified and systematically arranged, and made easily accessible for Chemical, Geological and Physical experimentation. A good supply of quartzes, calcites, carbon minerals, ores and diversified rock masses has been provided, sufficient to enable the student thoroughly to understand minerals and rock structure, Economic and Phenomenal Geology. The Botanical collection includes a full representation of the flora of the West, Middle and Southern States and some from other countries.

LABORATORY AND APPARATUS.

Biological Laboratory.

The Biological Laboratory is located on the second floor of Science Hall, where a good north light is obtained. It provides a lecture and recitation room, an apparatus room, and a working laboratory, where strong plain tables are so placed as to secure to each student a good light and plenty of table room for his set of reagents and culture apparatus. To each worker will be furnished a compound Microscope of the best modern pattern for Biological work. And in addition he will have the use of the large Microtomes provided for general use. Gas and water have been introduced, and arrangements have been made for the maintenance of animal and vegetable life, so as to furnish ample opportunity for Anatomical and Historical study, and dissection.

Physical Laboratory.

The Physical Department is equipped with apparatus sufficient for the performance of the experiments usually undertaken in undergraduate work, and also for individual investigation along general lines of physical research.

The Laboratory is situated on the ground floor of Science Hall. It is fitted with lecture room, working laboratory and with such equipment as is necessary for experimental work in Mechanics, Heat, Sound, Optics and Electricity.

The lecture room is provided with facilities for demonstrational lectures, including a small turbine on the lecture table, which fur-

nishes power for a variety of experiments. Lanterns with lime light are always in readiness for use.

In the Laboratory, piers are provided for apparatus requiring immovable support, upon which galvanometers, etc., may be used. The working tables also are supported by piers of masonry, rendering them entirely free from vibration.

Among the pieces of apparatus are some of the early forms, which are now of historic interest.

Within the last years large additions have been made to the equipment both by purchase and by the construction of specially designed pieces at home. Continued effort is thus made not only to bring it up but to keep the department abreast of the times.

Chemistry.

The Chemical Laboratory, with stock room, weighing room and lecture room, is on the second floor of Science Hall. Accommodations for more than fifty students are provided. Recently the department has been newly equipped throughout, with modern apparatus for general and analytical work.

LIBRARIES.

The Libraries contain about 50,000 volumes and several thousand pamphlets, the largest collection of books, with but two exceptions, in any College west of the Alleghenies. A merely nominal fee entitles students and the public to all library privileges.

General Library.

The General Library contains large and valuable collections in Philosophy, Political Economy, National and Constitutional Law, Ethics, Sociology, Mathematics, Science, Education. It is remarkably strong in American History, being second to but one library in the West in matters relating to the great Mississippi Valley and the Great West; is unexcelled in Ohio History, containing among much other valuable matter the original deeds and documents of the Ohio Company; and it contains also a very large collection concerning the War of the Rebellion.

The collection of books and pamphlets relating to the American Indians, Archæology, Ethnology and American Antiquities generally, is unusually rich.

The

It is very full in United States and Ohio documents, containing almost complete sets of the most valuable publications.

The works of reference include Encyclopedias, Dictionaries, etc., and books reserved by request of the officers of instruction as collateral reading for students in their classes. These books are shelved in special alcoves and are accessible to all during library hours.

Periodical literature is very fully represented in more than 4,000 bound volumes, including complete sets of many valuable current and out-of-print magazines. All volumes of critical reviews are bound as soon as complete and at once made available. The number of periodicals and transactions, literary, scientific and technical, currently received at the Library is about one hundred and fifty.

Special arrangements have been made so that students who wish to do special and original work, and those who desire to compete for department honors which have been offered, may have good facilities and advantages for the attainment of these ends.

The General Library is open in term-time every day from 8 a.m. to 4 p. m.

Literary Society Libraries.

The Alpha Kappa and Psi Gamma Societies are in possession of libraries aggregating 11,000.

These libraries afford students a wide range of reading in History, Biography, Poetry, Fiction, Essays and general literature, thus furnishing excellent opportunities for an extended study of English, which, at the present time, is receiving special prominence in our College work.

ATHLETIC GROUNDS.

Large Athletic grounds near the Campus, and convenient for athletic exercises of all kinds, have been enclosed and put in good condition for the work and training of the College Clubs.

BOAT HOUSE.

Few rivers, either East or West, offer a water-course so favorable for rowing and water sports as that which may be enjoyed by the students of Marietta College.

The Muskingum, a broad deep river, not only runs through a beautiful and fertile valley, but, owing to a series of expensive Government locks, is almost slack water, thus furnishing all the conditions for enjoyable and successful exercise, for those who are fond of the oar. A boat house sufficient in size and conveniently located, not more than ten minutes walk from the campus, is at the disposal of the students. New row boats have already been provided and a boating equipment ample for all the work and training desired by the College will be supplied as needed. Nothing will be left undone to foster and encourage all out-door activities which bring health, vigor, proper recreation and happiness to the attendants of Marietta.

LITERARY SOCIETIES.

There are two Literary Societies, the Alpha Kappa and Psi Gamma. These Societies have commodious and handsomely furnished halls and large and well selected libraries, the two containing eleven thousand volumes. These libraries are rich in Poetry, History, Fiction, Biography, and afford to the student rare opportunities for broad and varied reading during his college years.

Both Societies meet weekly—Monday evening—and hold literary exercises, which consist of declamations, debates, both written and extemporaneous, and practice in the work of organizing a deliberative assembly and carrying on its proceedings, a training of practical and rapidly increasing importance. On the last Monday evening of the Winter term the Societies give a public exhibition, at which orations are delivered by Junior members. During Commencement week diplomas are given to the graduating Seniors by their respective societies.

To keep the Alumni and friends of the College informed of its progress and work, the "Olio," a monthly magazine, is published by the students. Ten numbers are issued during the college year.

RELIGIOUS TRAINING.

Marietta College, while non-sectarian, is thoroughly Christian, and believes that Christian culture is an indispensable part of true education. Accordingly a devotional service is held every morning at 8:45, and all students are required to be present.

In addition special religious services are frequently held, and all wise means are employed, to impress upon the young men the fact that their education is not complete, until their intellectual acquirements are crowned with the knowledge of those Christian teachings which all Evangelical denominations cordially accept. Arrangements have been completed for the delivery each college year, of lectures and sermons, designed to show the relation of Christianity to the development of the highest type of manhood, and life.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

Early in the history of the College the Christian students, desiring to strengthen their Christian life, foster and develop a missionary spirit, and do religious work, banded together and organized a Society of Inquiry. The work of the Society was blessed with several precious revivals, and among the prominent laborers in missionary fields are to be found the names of some of Marietta's Alumni. 1884 the Society of Inquiry changed its constitution for that of a College Y. M. C. A. The Association has steadily increased in numbers, and its members have been interested, earnest and faithful in Christian work. Several years ago a suite of rooms conveniently arranged on the first floor of the Dormitory were set apart for Y. M. C. A. purposes, tastefully fitted up, and in them the students' regular religious meetings are now held. Each Monday evening the students assemble for religious worship conducted by themselves, every fourth meeting being devoted to missionary interests. On each Friday evening a similar meeting is held by the students of the Academy in the same rooms.

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THE ATHLETIC ASSOCIAITON.

The Athletic Association is a College organization, having for its object the general physical training of the students, and the de-

velopment of a commendable and legitimate spirit, in favor of wholesome, manly sports.

Systematic training in Foot-Ball, Base-Ball and Field Games will be given under the personal direction of an experienced coach. In this way our students, with slight risk of accidents, are expected to gain the discipline and fortitude afforded by our American sports. At the same time it is intended to keep athletics within proper and safe boundaries.

The officers of the Athletic Association are:

C. C. Evans, President.

VERNE BOVIE, Vice-President.

- C. C. WHITE, Secretary and Treasurer.
- J. E. REES, Field and Track Manager.

MATHEMATICAL SOCIETY.

This Society has been organized for the purpose of encouraging original work, and of reviewing articles in Mathematics, Physics and Astronomy in current publications.

The meetings of this Association are held every three weeks, and are open to the students, the Faculty, and to all others who are specially interested in work along these lines.

The officers for 1896 are:

- F. C. JORDAN, President.
- J. S. Donaghho, Vice-President.
- C. C. STONE, Secretary.

GENERAL ALUMNI ASSOCIATION.

This Association came into existence previous to the year 1845. The exact date cannot be obtained from the records.

Its membership includes all who have completed the required courses of study in Marietta College and have received its diploma. By virtue of their office, the Board of Trustees and Faculty are honorary members. A few others have been made honorary members by vote of the Association. The annual meeting of this organization is held the day before the graduating exercises, and adds much to the interest of Commencement week.

The banquet always held in connection with this yearly gathering

of the Alumni, gives good opportunity to renew in a pleasurable way the friendships of bygone college days, and to perpetuate a good, loyal, college spirit, while the orations and addresses collect and put in permanent form the interesting events and historical facts of great importance to the institution.

The names of the officers are:

REV. F. M. COPELAND, President.

E. K. MITCHELL, D. D., Vice-President.

M. R. Andrews, Recording Secretary.

R. C. Dawes, Treasurer and Corresponding Secretary.

A. D. FOLLETT.

Executive Committee. W. W. BOYD.

JAMES S. DEVOL.

CINCINNATI ALUMNI ASSOCATION.

This Association includes all the graduates of Marietta living in Cincinnati and vicinity. Its first meeting was held in 1855, making it the oldest college club in the entire West. It is, as well, one of the most influential. Many of its members occupy high and honorable positions, and all have proven their lovalty to the College by their activity and liberality in promoting the best interests of their Alma Mater in every way. Those who have received from the College honorary degrees, or who have been members of its classes, or who have been donors to its funds are eligible to honorary membership.

The officers of the club for 1894-5 were:

G. C. Wilson, President.

A. D. Follett, Vice-President.

F. F. OLDHAM, Secretary.

J. B. Webb, Treasurer.

E. P. FOSTER, Historian.

The officers for 1895-6 were:

REV. D. W. RHODES, President.

F. B. Loomis, Vice-President.

F. F. OLDHAM, Secretary.

JOHN B. WEBB, Treasurer.

E. P. FOSTER, Historian.

FINANCIAL AID AND EXPENSES.

Experience has shown that young men of good character and ability, determined to get an education, are very seldom compelled to leave College for lack of means.

Students in preparation for the Christian Ministry, whose circumstances require it, receive aid sufficient to pay their tuition and room rent in the Dormitory from funds given to the College for that purpose.

The American Education Society, the Presbyterian Board of Education and the Educational societies of other denominations make appropriations to College students of this class.

The College desires to encourage capable and deserving young men in their efforts to secure a thorough education, and the means of doing this, by scholarship, has been furnished to a limited extent. The trustees would be glad to be furnished with the means of aiding a larger number of such students.

All bequests to the College or Academy should be made payable to the TRUSTEES OF MARIETTA COLLEGE.

SCHOLARSHIPS.

The following Scholarships have been endowed by benevolent persons on a foundation of \$1,000 each. They are almost all at the disposal of the College, and entitle the students to whom they are assigned to receive tuition without charge:

THE KEYS SCHOLARSHIPS, five in number, by bequest of Mrs. Mary Keys, of Columbus, for students preparing for the Ministry.

THE HAMILTON SCHOLARSHIPS, two in number, by Robert Hamilton, Esq., and Mrs. R. B. Hamilton, of Hanging Rock.

THE SMITH SCHOLARSHIPS, by Winthrop B. Smith, Esq., of Philadelphia.

THE HINKLE SCHOLARSHIPS, by Anthony B. Hinkle, Esq., of Cincinnati.

THE WICKES SCHOLARSHIP, by W. W. Wickes, Esq., of Brooklyn, N. Y.

A SCHOLARSHIP, by two gentlemen of Portsmouth.

THE BREED SCHOLARSHIP, by W. J. Breed, Esq., of Cincinnati.

THE SCHAFFER SCHOLARSHIP, by Wm. Schaffer, Esq., of Cincinnati.

THE LORD SCHOLARSHIP, by Dr. and Mrs. A. D. Lord, of Batavia, N.Y. THE SCHOLARSHIP of the Class of 1871, by the Class of that year.

THE BROWN MEMORIAL SCHOLARSHIP, by the friends of Mrs. Susan M. Brown, of Zanesville.

THE BOSWORTH SCHOLARSHIP, by Marcus Bosworth, Esq., of Middleport.

THE MILLS SCHOLARSHIP, by Mrs. Col. John Mills, of Marietta.

THE ORRIS SCHOLARSHIP, by a gentleman of New York City.

THE ELLENOR COOK SCHOLARSHIP, by bequest of Mrs. Cook, of Newport.

THE ALDERMAN SCHOLARSHIP, by E. R. Alderman, Esq., of Marietta. THE WELLS SCHOLARSHIP, by M. P. Wells, Esq., of Marietta.

THE ANDREWS SCHOLARSHIP, by the Alpha Digamma Fraternity of Marietta College.

THE SCHOLARSHIP in Memory of Charles Beman Gates.

THE CUTLER SCHOLARSHIP, by Major Ephraim Cutler Dawes, of Cincinnati.

THE ROSSETER MEMORIAL SCHOLARSHIP.

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THE SARAH E. THORNILEY SCHOLARSHIP.

THE GEN'L JOHN EATON SCHOLARSHIP.

THE WILLIAM W. HAYMAN MEMORIAL SCHOLARSHIP, by the Class of 1892.

THE PUTNAM SCHOLARSHIPS.

In the will of the late Hon. William Rufus Putnam, a bequest was made to the College for the purpose of providing free tuition to meritorious students of narrow means. As the nominal tuition fee is far below the actual cost, the bequest provides that for each hundred dollars of net annual income, free tuition is to be given to one student. Other things being equal, preference will be given to the sons of clergymen. The bequest is at present available only in part.

THE ERWIN SCHOLARSHIPS.

Among other bequests to Marietta College the late Cornelius B. Erwin, Esq., of New Britain, Conn., gave the sum of \$15,000 for the establishment of scholarships. Upon this foundation ten scholarships have been established.

CONDITIONS ON WHICH SCHOLARSHIPS ARE GRANTED.

The Scholarships are granted annually, and only to needy and meritorious students, who are in part or entirely dependent upon their own resources and who without this aid could not secure a College education. In all cases where they are regranted there must be a renewal of application, and the student's actual need, standing in his class, and general deportment will be considered, and will constitute the basis of their disposition.

PRIZES.

FOR GENERAL SCHOLARSHIP—The Kingsbury prize, founded by J. Munro Brown, Esq., of New York City, and named in honor of the late Rev. Addison Kingsbury, D. D., of Marietta, amounting to sixty dollars a year, is given to the two students of the Senior class who have maintained the highest general standing during the previous College year. One-third is paid at the beginning of each term.

The Hyde Prize, founded by the Hon. Wm. Hyde, of Ware, Mass., amounting to the same sum, is given in like manner, to the two most meritorious members of the Junior class.

A like sum will be given to the two members of the Sophomore class, whose merit during the previous year has been the highest.

JUNIOR RHETORICAL PRIZES—The sum of forty dollars is divided between the three members of the Junior class for excellence in the Rhetorical Department, one-third of the class being chosen, according to their standing in the department during the year, to compete for prizes by presenting essays on subjects assigned.

SOPHOMORE AND FRESHMAN DECLAMATION PRIZES—Small prizes are given to two members of each class for excellence in declamation. The four members of each of these classes, whose grade in this department during the year has been the highest, compete for these prizes at a public exhibition near the close of the College year.

FRESHMAN PRIZE—A prize of fifty dollars a year has been founded by the Marietta College Club of Cincinnati, to be given to the two members of the Freshman class who shall pass the best examination at the close of the first term of the Freshmen year. The prize is made payable in February.

PRIZE FOR POETRY-By the will of the late William D. Emerson,

Esq., the College receives one thousand dollars as a permanent fund, the interest on which for each successive term of two years is to be given, under the direction of the Trustees, as a prize for the best original poem by a student or graduate of the College. The first prize from this fund was offered for 1894.

LAMPTON PRIZES—Four gold medals have been offered by William J. Lampton, of Washington, D. C., one for each class, to be awarded by the faculty, to the man in each class, who at the end of the year shall show the best all around development, including scholarship, deportment, work done in Literary societies and department of Rhetoric and Oratory, personal habits and appearance.

EXPENSES.

Marietta College has one Dormitory with thirty-two rooms. These rooms, unfurnished, except with stoves or grates, can be occupied by students at a rental of five dollars per term. A deposit of five dollars will be required of every student occupying a room in the Dormitory, as a protection against abuse of the same. This money will be refunded at the close of the College year if, during that period the room has suffered no injury through personal abuse or neglect. Table board in private families and boarding houses is offered at two dollars and twenty-five cents to three dollars per week.

Furnished rooms in private families with good board can easily be had for from three to five dollars per week.

Tuition averages fifteen dollars a term in the College, ten in the Academy. Incidentals, including all Library fees, five dollars per term in College; no incidentals in the Academy. Students who pursue courses of study in the Laboratories will be charged for such material and apparatus as they use or injure. Full information concerning such deposits and expenses is given in statements of Scientific departments to which students are referred.

The rules established by the Corporation with reference to tuition and other fixed charges, require that such bills be paid during the first two weeks of the term, that Special students shall pay full tuition, that no deduction will be made for late entrance, and that fees are not returnable.

A goodly number of students have been able to find employment

for their spare hours in private homes and in places of business, teaching, keeping books or assisting in various forms of work.

The greater part of the necessary expense of many students has been met by this use of leisure time. The College aids all it can in finding such places of occupation, and assisting young men to secure them.

UNDER-GRADUATE GOURSES OF STUDY IN MARIETTA COLLEGE.

Three parallel courses of study are pursued in Marietta College, each requiring four years for its completion.

- 1. The Classical Course, in which the Latin and Greek Languages and Literatures are combined with Mathematical, Scientific and Philosophical studies in that proportion which the experience of the best Colleges has sanctioned.
- 2. The Latin-Scientific, in which German and Science, and certain English studies are substituted for Greek, and a larger liberty is allowed after the Freshman year, in choosing between Science and Mathematics.
- 3. The Scientific, in which German is retained, and instead of the Latin, provision is made for full and thorough courses in French, advanced Sciences and the higher Mathematics. This course is shaped with reference to those who wish to make a specialty of Science, or prepare themselves for Civil and Electrical Engineering.

These three Courses have been arranged so as to be strictly equal in disciplinary power, and no student can pass from one to the other except on severe examinations in all required back work.

DEGREES.

On a satisfactory completion of the Classical, the Latin-Scientific or the Scientific Courses, students may be recommended respectively for the Bachelor's degree in the Arts (B. A.), Philosophy (B. Ph.), or Science (B. S.). No Senior will be recommended for a degree who is deficient in any of the prescribed work, or in the requisite number of elective studies of the course in which he is a candidate; but conditions may be removed by examinations and the degree conferred whenever requirements are met.

Those who have completed the course with unusual credit will be

recommended for a degree of distinction. The degree with distinction is of three grades, Summa Cum Laude, Magna Cum Laude and Cum Laude.

SPECIAL ENGLISH COURSE.

The English Course, covering a period of three years, is designed to meet the needs of those who are unable to take a full College course, but still wish to fit themselves for teaching in advanced schools for which a State Teacher's Certificate is required. An examination of the studies prescribed in this course in Language, Science, History, English, Mathematics and Pedagogics will show that the student who completes it has received an unusually good preparation for teaching, or pursuing more advanced literary work. This course leads to a Certificate from the College, indicating the amount and quality of the work done.

ELECTIVE COURSES.

Elective Courses for students in all departments have been provided. These corrses, however, must be chosen in consultation with the Professors of the different departments, and with reference not only to special preparation for some particular vocation, but also so as to secure harmony and completeness of work and a thorough discipline and development of all the student's powers. The regulations governing these electives will be found in chapter on Electives, Honors, Examinations, &c.

PURPOSE AND METHOD OF INSTRUCTION.

A careful examination of the courses of study just indicated will, we are confident, make evident the fact that Marietta College seeks to secure first, the discipline and development of all the student's faculties and the laying of the foundation for a broad and liberal education,—no matter what profession or occupation may afterward be chosen, or along what line the life may afterward proceed. To effectually accomplish this object, all the studies in the earliest part of the student's course are fixed and assigned by the College itself, which is supposed, at least at the beginning, to best

understand what studies will secure to him the knowledge of himself, of the subjects before him, the breadth of vision and the training of his powers, which are necessary to an intelligent and judicious choice. Then, when this desired result has been secured, the student is allowed, with proper safeguards, to largely select his own studies, that he may develop those particular faculties, and secure that special knowledge, which are directly connected with certain professions, occupations, or callings, and which are indispensable to success in the environment in which they must be pursued.

In this way, without attempting to do the work of Universities and Professional schools, which are the proper institutions to provide strictly professional studies, the College enables young men at an early date, to begin fitting themselves for the work in which they may afterward center their energies and pass their years. This arrangement, we are sure, will guarantee to the student a broad, thorough training and culture, make impossible the charge against the College of vagueness and indefiniteness, and save a great deal of time to young men by enabling them at a much earlier period to enter upon those studies which lie at the base of all Professional or Commercial work.

TERMS OF ADMISSION.

No student can be admitted to the Freshman Class until he has completed his fourteenth year, or to an advanced standing without a corresponding increase of age. Satisfactory testimonials respecting character are required of all students without regard to Classification. Entrance students coming from Preparatory institutions of learning, or students from other Colleges seeking advanced Classes, must not only bring with them certificates of dismission, but also, as far as practicable, official statements indicating the text-books used, the ground covered, the time given to the work and the date of the final examinations. These statements will be carefully considered, and used in determining what examinations may be necessary. Blank certificates for this purpose will be furnished on application.

Certificates for entrance to the Freshman Class will be received only from schools which are well known to, and approved of, by the Faculty, and in all cases must be signed by the Principal or Superintendent of Instruction. If the work specified in the certificate is considerably less than the amount required by Marietta College for admission, the certificate will not be accepted for the subject in which the deficiency occurs, although in other respects it may be entirely satisfactory.

At the close of the first six weeks of the Freshman year, those members of the class whose work has proven satisfactory will be matriculated. Other members will be required to take their work with classes in the Academy, for which they are qualified, or will be continued as conditioned students in the Freshmen Class.

The regular examinations for admission to the College are held on the day preceding Commencement. This year June 17th, in 1897, June 16th. As far as possible candidates are urged to be present at this examination. A second examination will be held at the opening of the Fall term.

The requirements for admission to the Freshman Class are as follows:

FOR THE CLASSICAL COURSE.

- ENGLISH GRAMMAR. This examination will include the essential outlines of Grammar, such as the derivation and composition of words; the classification of the different parts of speech and the definition of their office; exercises in parsing and conjugation; analysis of sentences; proper arrangement of phrases and subordinate clauses; in a word, all that is necessary to show that the student understands how to use words correctly, and the proper structure at d relation of principal and subordinate members.
- ELEMENTARY RHETORIC. The student will be tested in his knowledge of the rules governing spelling, correct use of the diffe ent punctuation marks, and his power to construct sentences and paragraphs so as to write with ease, elegance and purity of language, any document of a business or official character, or any communication he may wish to send to a friend in private, or have appear in public print.
- ELEMENTARY LITERATURE. The candidate here must show that he has studied some of the great masterpleces of Literature, that he appreciates the purity, precision, clearness and energy of their style, that he understands what gives them their beauty and popu'arity, and makes them fit models for all who would write with power and success
- Entrance I ssay. Each student applying for admission will be required to write a short crssy on one of the seve all themes assigned at the time of the examination. The themes will be selected from the following works, with which each student is expected to be familiar:
 - 1896. Shakespeare's Macbeth, Goldsmith's Vicar of Wakefield, Tennyson's Idyls of the King, Emerson's American Scholar, Irving's Sketch Book, Dickens' David Copperfield, Scott's Ivanhoe.
 - 1897. Shakespeare's Julius Cæsar and Merchant of Venice, Scott's Lady of the Lake, the Sir Roger de Coverly papers in the Spectator. Macaulay's Essay on Milton, Webster's first Bunker Hill Oration.
 - 1898. Shakespeare's Julius Cæsar and Twelfth Night. Irving's Tales of a Trav-ler, Macauley's Essay on Addison, Scott's Abbott, Arnold's Sohrab and Rustum, Defoe's History of the Plague in London, George Eliot's Silas Marner. Longfellow's Courtship of Miles Standish.
- UNITED STATES HISTORY. From the beginning of the Colonial period to the termination of our Civil War. Special reference in this examination will be made to the colonization of the several States, the form of government which existed previous to the War of Independence, the causes and principal events in that struggle, the period of Confederation, the establishment of our Federal Constitution and a careful review of the most important periods: subsequent to that t'me. Text-book, Montgomery's, or one of equal scope and thoroughness.
- GENERAL HISTORY. Text-book, Myer's General History. In this examination special attention will be given to the chapter on Greece and Rome. In the former familiarity with Geography and mars, dates, especially those of the fifth and fourth centurles, and the connection and sequence of important events will be required. In the latter the student must be able to

give ten or fifteen dates of most significant events. He must also have a thorough knowledge of the Second Punic War, and be familiar not only with the closing days of the Republic, but also with the causes which led fall and to the establishment of the Empire.

- CIVIL GOVERNMENT. It is required of those entering the College that they shall have some definite knowledge of our Civil Institutions and their relations to each other. Accordingly, each student must show that he understands clearly the main features of the United States Constitution, and their practical workings as interpreted by the Courts, higher and lower, and as seen in the life of the nation. He must also show that he understands the relation of the States to each other and to the nation and the character of their supplementary government, without which the Federal Constitution can not be rightly understood.
- PHYSICAL GEOGRAPHY. Houston's text-book or any equivalent.
- Phasiology. The ground covered by Martin's Human Body (Briefer Course). Hygiene, as much as can be gathered from the general text and from the chapter on "Stimulants and Narcotics."
- ARITHMETIC. So much as is given in White's New Complete, or in Ray's Practical Arithmetic, including the Metric system, Ratio and Proportion, Percentage and its applications, Partnerthip, Involution, Evolution, Mensuration.
- Algebra. Through Quadratics, embracing Factoring. Common Factors and Multiples, Theory of Exponents, Radicals, Imaginaries, Equations of the first and second degrees in one unknown quantity; Simultaneous Equations of the first and second degrees: Properties of Quadratics. Briefly, the requirements cover an equivalent of Wentworth's School Algebra, through Ra io and Proportion.
- GEOMETRY. Plane. The Plane Geometry of the books of any of the following authors: Davies, Wells, Loomis, Chauvenet, Wentworth, Newcomb, Wilson, will give an adequate idea of the extent of the requirements in this subject.
- LATIN. Grammar, Allen and Greenough's. Prose Composition, Collar's or an equivalent. Authors, Cuesar, four books; Cicero, seven orations; Sallust, Catiline; Virgil, six books. Roman History, see requirements for admission in History. Translation at sight of simple passages from Cæsar or Cicero, select d from books or orations not read in the class room.

Instructors fitting students for the entrance examinations are urged to give special attention to reading of the text, using the Roman method of pronunciation, to forms, syntax o nouns, and to indirect discourse. Readiness in recognizing forms is of prime importance. For further suggestions see statement for the preparatory course in the Academy.

GREEK. A knowledge of the main principles of Grammar as given in Goodwin or Hadley-Allen. Prose C mposition; Woodruff's Exercises in Greek Prose Composition, fifty pages, or Allinson's Gr ek Prose Composition, Part I. Translation at sight of easier passages from Xenophon and Homer. Four books of Xenophon's Anabasis and three books of Homer's Illad. Greek History and Geography, see requirements for admission in History.

Greek should be pronounced with the accents and with the sounds of the vowels and consonants as given in Goodwin and Hadley-Allen.

The leading statements in the Grammar of the principles of syntax, especially of conditional sentences and indirect discourse, should be thoroughly committed to memory; and constant reference should be made to the Grammar as a help to accuracy in translation.

In reading Xenophon and Homer great care should be taken to make the translation simple, clear, accurate and idiomatic. Teachers are urged to insist that the language of the translation be English. In reading Homer it is important not only to divide accurately into feet, but also to read the verse metrically, marking the caesura.

SUBSTITUTIONAL ENTRANCE STUDIES FOR THE CLAS-SICAL COURSE.

Where graduates of High Schools and Preparatory institutions have not had facilities to study Greek and to read all the Latin for regular admission to the Classical Course, they will be allowed to substitute additional Mathematics, Science, or other studies indicated below, and opportunities will be given in College to make up deficiencies in language. As an equivalent for three orations of Cicero and three books of Vergil, any one of the following groups of studies will be accepted; and any two for the Greek.

- 1. SCIENCE: Physics; Botany.
- 2. SCIENCE: Chemistry; Zoology.
- MATHEMATICS: Geometry, Plane and Solid completed; Algebra completed; Trigonometry.
- 4. GERMAN: Grammar; Grimm's Maerchen: Andersen's Die Eisjungfrau; Schiller's Jungfrau von Orleans.
 - 5. GERMAN: Wilhelm Tell; Minua von Barnhelm; Egmont; Undine.
 - FRENCH: Grammar; Reader; Souvestre's Philosophe sous les Toits, or Lamartine's Jean D'Arc and Musset's Pierre et Camille.

*REQUIRMENTS FOR THE LATIN-SCIENTIFIC COURSE.

ENGLISH:

- (1) English Grammar.
- (2) Elementary Rhetoric.
- (3) Elementary English Literature.

HISTORY:

- (4) History of the United States.
- (5) Myers's General History.
- (6) Civil Government.

^{*}For full explanation of numbers 1 to 8 and 10 to 13 see Classical requirements.

SCIENCE:

- (7) Physical Geography.
- (8) Physiology.
- (9) Elementary Physics, one year's work, in which at least a term should be given to laboratory practice. The student must show some familiarity with simple apparatus, and have taken the first steps in experimenting for himself. The work should be done in each of the different branches of physics, following any good manual of laboratory work, as Gage's or Trowbridge's.

MATHEMATICS:

- (10) Arithmetic, including the Metric system.
- (11) Algebra, through Quadratics.
- (12) Geometry, plane.

LANGUAGE:

- (13) Latin same as Classical Course.
- (14) German; thorough acquaintance with Joynes-Meissner's Grammar, Joynes's Reader.

Authors, Schiller: Wilhelm Tell and Marie Stuart, or an equivalent amount of Classical German.

Sight translation of simple selections. Translation of simple English sentences into idiomatic German. The student in German should early acquire a large vocabulary, so that the aid of the Lexicon will be required but rarely, except for new words. The ear should be trained, so that he can understand ordinary German when read to him, and can translate it without reference to the printed page.

+FOR THE SCIENTIFIC COURSE.

ENGLISH:

- (1) English Grammar.
- (2) Flementary Rhetoric.
- (3) Elementary Literature and Composition.

HISTORY:

- (4) History of the United States.
- (5) Myers's General History.
- (6) Civil Government.

SCIENCE:

- (7) Physical Geography.
- (8) Physiology.
- (9) Elementary Physics, one year.
- (10) Elementary Chemistry of Inorganic Bodies. Text-book recommended, Remsen's Inorganic Chemistry (Briefer Course), or Williams' Laboratory Manual. The experimental work should be both in general Chemistry and in simple qualitative analysis of solutions of salts.

 $[\]dagger$ For full explanation of numbers 1 to 9 and from 13 to 15, and 18, see Classical and Latin-Scientific Requirements.

BOTANY:

(11) The student must not only study the text-book, but plants themselves as to form and structure. Such a knowledge of plants will be required as will enable the student to determine the order and genus of any common plant. And as large a number of plants must be analyzed as can be done in one season, fifty at least. Gray's text-books may be used, or Bessey's or Campbell's.

ZOOLOGY:

(12) Any line of study may be pursued which deals with animals themselves, instead of simply reading about them. One year's time is required when this is taken in the place of Botany and Physiology. Colton's Practical Zoology may be used as aguide.

MATHEMATICS:

- (13) Arithmetic, including the Metric system.
- (14) Algebra, higher.
- (15) Geometry, plane.
- †(16) Geometry, solid.
- †(17) Trigonometry, plane.

LANGUAGE:

(18) German same as in Latin-Scientific Course.

FOR THE ENGLISH COURSE.

The entrance requirements for this course are the same as for similar studies in the three regular Courses. When Latin, German or French are not taken, no examinations in language, except the English, will be required.

SPECIAL STUDIES.

Students who desire to pursue special studies without becoming candidates for a degree will be allowed to do so on the following conditions: First. Each applicant for special studies must state in writing what preparation he has made, whether he has been rejected at any previous entrance examination in this or any other College, or whether he has failed in any work pursued by him after the beginning of the Freshman year, and what studies he wishes to pursue. Second. He must pass an examination in all subjects which are required for entrance to the regular courses of study in so far as

[†]Those who wish to take a Course in Engineering or make Mathematics a special study will be required to pass examinations in Solid Geometry and Plane Trigonometry also. In that case they will be excused from examinations in either Physics, or Chemistry, or Physiology and Botany, or Zoology and Botany.

they belong to, or are naturally introductory to, the line or lines of study which he shall choose; for example, if he chooses Science, then he must be examined in the Science required for entrance into the Freshman Scientific; if Latin, then entrance Latin; if Greek, then entrance Greek; if History, then entrance Historical studies; and so on through all the studies which are offered. Third. He must be prepared to take 12 hours a week of class room work, or 11 if the entire work is taken with the Freshman Class. Special students who have previously done no College work will be required to take at least 7 hours of Freshman studies, the remainder to be chosen from the class next higher. When the major portion of the Freshman work has been done, the student may choose from the Sophomore and Junior studies an amount corresponding in hours to the completed work of the first year.

In order to give system and unity to special studies and make them of the very greatest value to the student, these studies have been arranged in groups, as follows:

- Language group: Classical, Latin and Greek. Modern, German and French.
- (2) English group: Rhetoric and English Literature.
- (3) Mathematical group: Algebra, Geometry, Trigonometry and Astronomy.
- (4) Physical Science group: Chemistry, Physics, Geography and Mineralogy.
- (5) Biological Science group: Botany, Zoology, Physiology, Paleontology.
- (6) Historical group: All Historical studies.
- (7) Political Science group: Political Science, Sociology, Economics and International Law.
- (8) Philosophy group: Logic, Psychology, Ethics, History of Philosophy and Pedagogy.

DEPARTMENTS OF INSTRUCTION.

BIBLICAL LITERATURE AND CHRISTIAN ETHICS.

PRESIDENT SIMPSON.

REQUIRED.

EVIDENCES OF CHRISTIANITY.

LIFE OF CHRIST.

CHRISTIAN ETHICS.

EVIDENCES OF CHRISTIANITY. During the Fall term the great fundamental truths and proofs of Christianity will be the subject of investigation. These will be considered practically and for the purpose of showing that Christianity rests not on fancies but on facts, and that Newton and Descartes were right when they said no sciences are better attested than is the religion of the Bible, not even the Mathematical, and that the cordial acceptance of the Christian religion is the most rational as well as the highest of human acts.

THE LIFE OF CHRIST. During the Winter term a special study will be made of the age in which Christ appeared; the fulfillment in him of the Old Testament predictions; the purpose and character of his mission; and the qualities and characteristics which establish beyond doubt his Divine origin and authority.

Christian Ethics. In the Spring term the relation of Christianity to life, individual and social, political and industrial, secular and religious, will be considered. The design of this study is to help the student acquire clear and definite convictions so that he may go forth at the end of his college course able to apply moral and christian principles to all the diversified activities and relations of life.

Instruction in all these studies will be given through text-books, lectures and collateral readings.

SOCIOLOGY AND ECONOMICS.

PROFESSOR SMITH.

SOCIOLOGY.

THE FACTS, PRINCIPLES AND METHODS OF SOCIOLOGY.
MODEBN SOCIAL PROBLEMS.

THE FACTS, PRINCIPLES AND METHODS OF SOCIOLOGY. The course of instruction in Sociology very properly commences with the phenomena of social progress and organization. The natural history of society is studied so as to help the student understand the growth and development of society from its primary and simplest to its most highly civilized and complex stages. Social government in its structure, principles, methods, prejudices and evils; customs, their character and power; industrial arts and systems, and how carried on: intellectual conditions, the prevailing educational, scientific and aesthetic forces; private and public morals, in short all social phenomena are noticed and discussed. Then these facts are considered in connection with social ideals, ideals which are calculated to secure the advancement of social welfare, and lead society up to what it ought to be. After this follows a careful consideration of the agencies by which available social forces may be so employed as to change the ideal into the actual.

Modern Social Problems. When, by means of the systematic instruction indicated above, the student has gained an intelligent acquaintance with social facts, and is able to survey all social activities in their inter-relations, and has become capable of wide generalization and accurate discrimination in Constructive Sociology, then he is led on to the consideration of the obligations of society, to the Dependent, Defective and Delinquent classes, or to the problems of Social Science, viz: Charity, Pauperism, Criminology, Marriage, Divorce, Temperance, Education, Social Legislation, Massing of populations, and Municipal affairs. Work in Sociology will be carried on through text-books, lectures and assigned readings.

ECONOMICS.

PRINCIPLES OF POLITICAL ECONOMY.
TAXATION.

THE MONOPOLY PROBLEM.
THE THEORY OF MONEY.

HISTORY OF ECONOMIC THOUGHT.

- 1. Principles of Political Economy. The work begins with a brief survey of the changes constituting the Industrial Revolution. This is followed by an analysis of economic society as we find it to-day among the leading and most highly civilized nations.
- 2. Taxation. This course takes up the theory and the methods of taxation, the objects which public expenditure has in view, and the way in which the revenues of the various grades of government are secured.
- 3. The Monopoly Problem. The railway, the telegraph and the various monopolies, national and municipal, are considered with reference to their effect upon the production and distribution of wealth. The different forms of control are studied.
- 4. THE THEORY OF MONEY. In this course money is considered in its relation to the competitive organization of society. It is studied as an instrument of competition and as the agency through which the co-ordination of industrial functions in competitive society is secured.
- 5. HISTORY OF ECONOMIC THOUGHT. This course traces the development of economic theory in its relation to the changes in the industrial organization of society.

PHILOSOPHY.

PROFESSOR PHILLIPS.

REQUIRED.

Logic, Psychology, Ethics. Course 1.

ELECTIVE.

Advanced Psychology.

Anthropology.

HISTORY OF PHILOSOPHY.

ENGLISH AND CONTINENTAL PHILOSOPHY.

1. a. Logic and Psychology. Fundamental laws of thought and

reasoning; factors and processes of conscious life. Jevons's Elementary Lessons or Bosanquet's Essentials of Logic and Bowne's Introduction to Psychological Theory or Hoeffding's Psychology will be used as text-books. Three hours a week the first and second terms.

- b. Ethics. Principles and types of ethical theory, introductory study based on Mackenzie's Manual of Ethics. Three hours a week the third term. Course 1 is preliminary, and prescribed for Juniors.
- 2. ADVANCED PSYCHOLOGY. Ladd's Psychology Descriptive and Explanatory, or James's Principles of Psychology will be made the basis of study, with reference to leading works on the subject and to articles in philosophical journals. Three hours a week the first term. Open to Seniors.
- 3. Anthropology. Lotze's Microcosmus will be read and discussed and some of the questions suggested made subjects of special study and investigation. Three hours a week the second and third terms. Open to Seniors and in certain cases to Juniors.
- 4. HISTORY OF PHILOSOPHY. General introduction to the origin, course and character of Ancient, Mediæval and Modern Philosophy; text-books, lectures, theses. In addition to the text-book, wide reading is expected from the larger Histories of Philosophy; as, Zeller's History of Greek Philosophy, Ueberweg, Ritter, Windelband, Falckenberg, Fischer. Three hours a week through the year. Open to Juniors and Seniors.
- 5. English Philosophy. History of English Philosophy since Locke. The authors will be studied first-hand. Selections will be read from the works of Locke, Berkeley, Hume, Hamilton, Mill, Spencer. Three hours a week the first term. Open to Seniors who have had Course 4.
- 5. CONTINENTAL PHILOSOPHY. The History of Continental Philosophy since Descartes. Readings from Descartes's Method, Spinoza's Ethics, Kant's Critiques, Lotze's Metaphysics. Three hours a week the second an third terms. Open to Seniors and in certain cases to Juniors who have taken Course 4.

BIOLOGY.

PROFESSOR BISCOE.

REQUIRED.

FRESHMAN: Course 1. Third term. SOPHOMORE: Course 4. First term.

ELECTIVE.

SOPHOMORE: Course 2. Second Term.

Course 5. Scientific. Third term.

JUNIOR: Course 3. First term.

Course 6. Second and third terms.

SENIOR: Course 7. First term.

Course 8. Second term. Course 9. Third term.

The course in Biology extends through four years, and, in addition to its general educational discipline, is especially designed for students who are looking forward to the Medical profession, for those expecting to teach Science in High Schools or Academies, and for such as may make a specialty of Biological Science. Attention is given to the problems of both vegetable and animal life, and the studies are so arranged that a student can largely devote his time and strength to either of these grand subdivisions of Biological Science, as he may prefer.

- Botany. General description of the structure and function of the parts of common plants. Analysis of plants. Text-book, Grey's School and Field Book of Botany. Preparation of Herbarium of fifty species.
- Histology. Histological study of cell structure and arrangement as exhibited in the tissues of the higher plants. Mainly laboratory work with the compound microscope.
- 3. Botany. Cryptogamic Botany. Morphology and classification of the Alge, Fungi, Mosses and Ferns. Collection preservation of Mosses and Ferns. Open to those who have taken Course 2.

- 4. Physiology. Human Physiology. Text-book, Martin's Human Body. Besides the work in the class room the study will be pursued on its practical side under the care of the Director of the Gymnasium, who will in general act as demonstrator of Anatomy, providing dissection from animal organs illustrative of the text.
- 5. ANATOMY. Gross Anatomy of the Mammalia. Special study of the arrangement and form of the bones of the skeleton and the location and attachment of the muscles. Also the gross anatomy of the viscera. This course given by the demonstrator of Anatomy.
- 6. Histology. Histology of animal tissues. Special study of the organs of digestion. Practice in the preparation and mounting of tissues in permanent form for microscopical study. The course includes method of hardening, staining and sectioning of the various animal tissues. Open to those who have taken Course 2.
- 7. Morphology. Morphology of groups of Invertebrate life, for their minute life, for their minute anatomy, and for the study of their natural classification. Open to those who have had Courses 2 and 3.
- 8. Nervous System. Central Nervous System. Examination of Brain and Spinal Chord in fishes, reptiles and birds. Open to those who have taken Courses 2 and 3.
- 9. Embryology of Chick. Open to those who have had Course 8.

LATIN.

PROFESSORS CHAMBERLIN AND HADLEY.

REQUIRED.

LIVY, at least one book.
CICERO, De Senectute or De Amicitia.
HORACE, Odes, Satires and Epistles.
PLAUTUS, Captivi and Rudens.

Roman Life. Roman Literature. Prose Composition.

1. Livy. During the first and second terms of the Freshman year,

Livy is read and attention is given to the History of Rome, as as well as to the style and grammatical structure of the language. The work in prose composition is intended to familiarize the pupil with the Latin order of thought and expression.

- 2. CIGERO DE SENECTUTE. During the third term Cicero's De Senectute or De Amicitia is read and the student's attention is directed to the arguments and style of the author.
- 3. Horace. The Sophomores read during the Fall term, selections from the Odes and Satires of Horace, with attention to the metre and the poetic qualities of the writer. The Epistles are read during the Spring term.
- PLAUTUS. During the second term Latin Comedy is read and the development of the Roman Drama considered.
 Roman Life, social and political, and Roman Literature

are subjects of collateral study during the year.

ELECTIVE COURSES.

- 1. History: Sallust, Livy, Tacitus, Suetonius.
- ROMAN LIFE: Cicero's Letters, Pliny's Letters, Juvenal, Martial. Inge's Society in Rome under the Cæsars.
- 3. Roman Law: Justinian's Institutes, Morey's Outlines or Hadley's Introduction, Selections from the Pandects.
- 4. Philosophy: Cicero De Natura Deorum or De Finibus, Lucretius De Rerum Natura, Seneca.
- 5. RHETORIC AND ORATORY: Cicero and Quintilian.

GREEK LANGUAGE AND LITERATURE.

PROFESSOR MANLEY.

I. REQUIRED.

Greek is required in the Classical Course three hours a week through the Freshman and Sophomore years.

 Attic Orators. Selections from Lysias, Isocrates, and Isaeus; sight translations; Greek History and Oratory in the 4th Century B. C. First half of Freshman year.

- Homer. Twelve books of the Odyssey; Homeric Life and Literature. Second half of Freshman year.
- 3. THUCYDIDES. Book I or II, the less difficult portions at sight;
 Greek History in the 5th Century B. C.; political institutions
 of Athens and Sparta. First term of Sophomore year.
- 4. Euripides. The Iphigenia at Aulis and Selections from other plays; Metres, Scenic Antiquities; History of Greek Literature. Second term of Sophomore year.
- Plato. The Protagoras or Apology and Crito; Greek Life and Literature. Third term of Sophomore year.

II. ELECTIVE.

- *6. Aeschylus. Prometheus Bound, Seven against Thebes; Development of dramatic literature; the Greek theatre. Three hours a week the second term.
- *7. Sophocles. Oedipus Tyrannus, Antigone, Oedipus Colonus;
 Dramatic literature. Three hours a week the second term.
- *8. Aristophanes. The Knights or Birds and selections from other plays; Greek life in the age of Pericles. Three hours a week the third term.
- t9. Demostheres. On the Crown, with selections from Aeschines against Ctesiphon; Life and times of Demostheres. Three hours a week the third term.
- †10. Plato. The Phaedo or parts of the Republic with special reference to the subject matter and to the structure of the Platonic dialogue. Three hours a week the second term.
- †11. ELEGIAC AND LYRIC POETRY (Selections). Pindar; History of Greek Poetry. Three hours a week the third term.
- 12. Greek Prose. A course in rapid reading in Xenophon, Herodotus or other easy prose, together with collateral Greek Prose Composition; this course will be begun and continued as desired. Two hours a week.

 $^{^4\!\}mathrm{Offered}$ alternate years beginning '96-97.

[†]Offered alternate years beginning '97-98.

GERMAN AND FRENCH.

PROFESSOR COOPER.

GERMAN.

Required.

FRESHMAN: Latin-Scientific and Scientific Course II. Three terms. Sophomore Classical: Course I. Three terms.

Elective.

JUNIOR CLASSICAL: Course II. Three terms.

SENIORS: Course III. Three terms.

JUNIOR LATIN-SCIENTIFIC: A course equivalent to Course II. Three terms.

COURSE I. Elementary German, Grammar, Reading, Conversation,
Composition. Three hours throughout the year: Text-books:
FIRST TERM: Thomas's Practical German Grammar to Part
II, Joynes's German Reader to Part IV, Wilhelm's Einer
muss heiraten, Benedix's Eigensinn.

SECOND TERM: Rosegger's Waldheimat, Zschokke's Abenteuer der Neujahrsnacht and Der zerbrochene Krug, Benedix's Die Hochzeitsreise, Joynes's Reader Parts IV and V and the exercises in composition.

THIRD TERM: Thomas's Grammar Part II, Storm's Immensee, Auerbach's Auf Wache, Roquette's Der gefrorene Kuss, Benedix's Doktor Wespe, Harris's German Composition Part II.

COURSE II. Intermediate German, Reading, Conversation, Composition. Three hours throughout the year. Open to all who have taken Course I or two years of preparatory German. Text-books:

FIRST TERM: Bronson's Colloquial German, von Moser's Der Bibliothekar, Gutzkow's Zopf und Schwert, Eichendorf's Aus dem Leben eines Taugenichts, Lessing's Minna von Barnhelm.

SECOND TERM: Harris's German Composition Part IV, Lessing's Emilia Galotti, Fouque's Undine, Schiller's Der Neffe als Onkel and Jungfrau von Orleans, Freitag's Dokter Luther, Schiller's Ballads.

THIRD TERM: Harris's Composition Part IV, Goethe's Wahrheit und Dichtung, Hermann und Dorothea, Iphigenie auf Tauris, Heine's Harzreise.

Course III. Advanced German, History of German Literature and Literary Criticism. Two hours throughout the year. Open to all who have taken Course II. Text-books: Vilmar's Geschichte der deutschen Nationallitteratur with collateral readings from Scherer and von Gottschall, Scheffel's Trompeter von Saekkingen, Lessing's Nathan der Weise, Goethe's Faust.

The aim of this Department is to develop in students the ability to understand written and spoken German, to write the language correctly and to converse in it with some fluency. After the first few weeks, recitations are conducted as far as practicable in German. A considerable part of each hour is devoted to conversation based on the text and practice in reading, with especial attention paid to sentence-accent. Idioms are studied comparatively and historically and are made prominent in the purely language work. Etymology and word-formation are taken up in Course I and continued through the other courses. Easy prose is read from the beginning and, all the texts of Course I being easy, a great deal of time is spent in rapid sight reading. New texts are read in preference to reviewing old ones. The study of the classics is begun in Course II and Continued through Course III. Literary criticism is the dominating feature of Course III.

FRENCH.

Required.

Sophomore Latin-Scientific and Scientific: Course I. Three terms.

Elective.

JUNIOR CLASSICAL: Course I. Three terms.

SENIOR CLASSICAL, JUNIOR LATIN-SCIENTIFIC AND SCIENTIFIC: Course II. Three terms.

COURSE I. Elementary French, Grammar, Reading, Conversation and Composition. Three hours throughout the year. Textbooks:

FIRST TERM: Edgren's French Grammar Part I, Super's French Reader, Fontaine's Livre de Lecture et de Conversation begun.

SECOND TERM: Fontaine's Livre de Lecture et de Conversation finished, La cigale chez les fourmis, Voyage de M. Perrichon, L'Abbe Constantin, Le monde ou l'on s'ennuie.

THIRD TERM: Edgren's French Grammar Part II. Mademoiselle de la Seigliere, Madame Therese, Ruy Blas, Grandgent's French Composition to Part III.

COURSE II. Reading, Composition, Conversation, Literary Criticism. Two hours a week throughout the year. Text-books:

First Term: Fontaine's Lectures Courantes, Grandgent's
French Composition Parts III and IV, Le roman d'un jeune
homme pauvre (drama), Le Nabab, Les precieuses ridicules.

Second Term. Duval's Histoire de la Litterature Francaise
begun, Grandgent's French Composition Part V, L'Avare,
Athalie. Phedre. Le barbier de Seville.

THIRD TERM. Duval's Histoire de la Litterature Française finished, Grandgent's Composition Part VI, Le Cid, Les femmes savantes, Selected Essays from Sainte-Beuve.

The aim of this Department is to give a reading, writing and speaking knowledge of the French language, and an introduction into the history of the French literature. The relation of French to Latin is studied in Course I. Pronunciation and reading receive considerable attention throughout both courses. Translation is employed in the beginning as a means of understanding the text, but gives way as soon as practicable to intelligent reading without translation. A part of each recitation is devoted to sight reading. Conversation is based chiefly on the text read or on systematic vocabularies learned from time to time throughout both courses. Verb drills are kept up from the time the verb is reached in the grammar to the end of Course I. The texts read in Course I are chiefly by recent authors, while those of Course II belong chiefly to the classic period of French literature.

Text-books used in the study of German and French will vary somewhat from time to time, but the amount of ground covered will remain substantially the same as here given.

HISTORY, PEDAGOGY AND POLITICAL SCIENCE.

PROFESSORS ANDREWS AND SMITH.

HISTORY.

Required.

- 1. American History—1775-1790. Three hours, third term; Freshman.
- 2. POLITICAL AND LITERARY HISTORY OF ENGLAND. Three hours, first term. Sophomores.

Elective.

- 1. MEDIAEVAL EUROPE. Three hours, first term. Juniors.
- 2. HISTORY OF MODERN TIMES. Three hours, second term. Juniors.
- 3. History of Civilization in Europe. Three hours, third term. Juniors.
- 4. HISTORY OF ATHENS FROM SOLON TO DEMOSTHENES. Three hours, first term. Seniors.
- 5. HISTORY OF ITALY FROM AUGUSTUS TO ODOACER. Three hours, second term. Seniors.

Before taking up work in this department the student must have passed a thorough examination in United States History (Fiske or equivalent), Civil Government, (Fiske's or an equivalent), the Political and Social History of Greece and Rome, the General History of Europe during the Middle Ages from the Teutonic Migrations through the Reformation and the Thirty Years War, Physical, Historical and Political Geography.

GREEN'S SHORT HISTORY OF THE ENGLISH PEOPLE, the basis of instruction in the History of England, needs no recommendation, and scarcely any explanation. The purpose of the book is to give the student a vivid picture of the transfer in the fifth century of the Angles and Saxons from their earlier homes in the swamps and forests of Sleswich to Britain, and the slow process of transforming these rude barbarian hordes in their new homes, into the great English Nation of to-day, showing the gradual progress of the intellectual, social and political life of the people, the development of the English Constitution, and the growth from humblest beginnings of the splendid body of English Literature.

To make real to the students of Marietta College this masterly picture of the Historian is, perhaps, a sufficiently worthy aim of this department of instruction.

EMERTON'S MEDIAEVAL HISTORY and Durny'S History of Modern Times make a fitting introduction to the Philosophy of History. The text-book on this subject is Guizot's History of Civilization, a work whose brilliant generalizations still mark it as the best of its class.

This Department supplements the work done in several other Departments and, in turn, is supplemented by them. The histories of Greece, Rome, Germany and France are taken up in the Greek, Latin, German and French Courses. A Course in Roman Law is given in the Latin Department (which see.)

The study of the History of Philosophy during the Junior and Senior years is, also, made incidentally a study in the literary and political history of the periods to which the forms of Philosophy under investigation belong.

The elective course offered to the students in the Senior year is designed to introduce them, in the history of the periods named, to a wider course of reading than they have previously been able to pursue—reading which they may find pleasure in continuing after graduation.

PEDAGOGY.

Elective.

- 1. HISTORY OF EDUCATION. Three hours, first term. Seniors.
- 2. Pedagogy as a Science. Three hours, second term. Seniors.
- 3. METHODS AND MANAGEMENT. Three hours, third term. Seniors.

Abundant provision is made in other Departments for the allied subjects Physiology, Psychology and Logic. Pedagogy is considered historically in the writings of Quick, De Guimps, Painter and others; philosophically, in the works of Compayre, Herbart and McMurry; and practically in a weekly Seminar in which a few active teachers take part. The library of Marietta College is well supplied with books and magazines to illustrate the subjects discussed, and it is the aim of the instructor to guide the student to the best educational literature. By frequent discussions of the latest educational

reports and papers, it is hoped that the student may be brought into acquaintance and sympathy with the best teachings of to-day.

POLITICAL SCIENCE.

- 1. HISTORY AND THEORY OF THE STATE. This course discusses the origin, development, nature and functions of government. Lectures and text-book (Wilson's State). Three hours a week first term.
- 2. AMERICAN CONSTITUTIONAL LAW AND POLITICAL INSTITUTIONS. The purpose of this course is to familiarize the student with the constitution as interpreted by the courts and to aid him in acquiring independence of thought with respect to political questions and worthy political ideals. Text-books used Cooley's Principles of Constitutional Law and Bryce's American Commonwealth. hours a week second term.
- 3. International Law. Three hours a week third term. book: Woolsey's International Law.

MATHEMATICS, ENGINEERING AND ASTRONOMY.

PROFESSOR McKINNEY.

MATHEMATICS.

Required Courses.

Solid Geometry, first term. HIGHER ALGEBRA, second term. PLANE AND SPHERICAL TRIGONOMETRY, third term.

Elective Courses for Sophomore, Junior, Senior Years:

First Term.

- 1. Conic Sections.
- 2. CALCULUS.
- 3. Theory of Equations.
- 4. PRACTICAL AND SPHERICAL 7. DIFFERENTIAL EQUATIONS. ASTRONOMY.

Second term.

- 5. CONIC SECTIONS AND SOLID AN-ALYTICAL GEOMETRY.
- 6. ASTRONOMY.
- PRACTICAL AND SPHERICAL AS-TRONOMY.

Third Term.

- 9. CALCULUS.
- 10. ADVANCED CALCULUS.
- 11. GENERAL ASTRONOMY.
- 12. THEORETICAL ASTRONOMY.

Solid Geometry. The first term of the Freshman year is devoted to the study of Solid Geometry. The course is a continuation of the work of the last year in the Academy. Stress is laid upon original work, and many exercises for demonstration are given. Well's Plane and Solid Geometry is used for the text. Continual reference is made to the works of other authors.

ALGEBRA. Algebra is studied in the second term of the Freshman year. The subjects vary slightly from year to year. In the year 1894-5 they were Properties of Quadratics, Ratio and Proportion, Arithmetic and Geometric Progressions, Convergency of Series, Undetermined Coefficients, Binomial Theorem, Logarithms, Probabilities, Exponential and Logarithmic Series, Theory of Equations, Determinants. Wells' College Algebra is used for a text, with references to the Algebras of Charles Smith, Hall and Knight and Chrystal. Opportunity for special work is given to those who may desire to do more than the required course.

PLANE AND SPHERICAL TRIGONOMETRY. The Freshman study Plane and Spherical Trigonometry in the third term. The course includes the fundamental formulae and the solution of triangles. In Plane Trigonometry practice is given with the Theodolite in the measurements of heights and distances. Spherical Trigonometry finds immediate use in its application to the astronomical triangle for the determination of time, latitude, declination, altitude, azimuth. This course is continued into the next term for those who elect mathematics.

After the Freshman year, Mathematics becomes an elective. The courses in the elective work are planned to give the student knowledge of the fundamental principles of the subject in hand and considerable facility in their application. They are designed also to prepare for advanced special work in analysis.

ANALYTICAL GEOMETRY. The course in Analytical Geometry is

based on C. Smith's Conic Sections and Solid Geometry and is sufficient to meet the requirement of the more advanced courses. The course in Calculus in the Sophomore and Junior years is the equivalent of Osborne's Calculus with occasional lectures on special topics and additional applications to Geometry and Mechanics.

DETERMINANTS AND THEORY OF EQUATIONS. In Course 3 embracing Determinants and the Theory of Equations the Treatise of Burnside and Panton is followed. To students having taken Course 3 an introductory course in the Theory of Invariants is open as a substitute for Differential Equations.

Course 10 is open to those who have taken the Mathematics of the Engineering Course. In this course Williamson's Calculus is used.

ASTRONOMY.

ASTRONOMY. The third term of the Junior year is given to the study of Astronomy. The principles involved in an understanding of the telescope, sextant, transit and spectroscope; problems of time, latitude and longitude; orbits and perturbations are taken up and investigated in an elementary manner. Together with this is the study of a text-book, Young's General Astronomy being used. The object is to acquaint the student with the methods and instruments by which our knowledge of the sun, planets and stars has been advanced and to give him a resume of the facts known respecting the nature and physical condition of these bodies, their distribution and relative distances. The Observatory is available as an auxilliary to this work. It is equipped with a 6½ inch Refractor by Byrne, a Siderial Clock by Kessels, a Spectroscope by Fauth, and a Position Micrometer by Brashear. The student is expected to become familiar with the telescopic appearance of the sun, moon, larger planets, and the more important nebulae and star-clusters, and to be able to set the telescope upon an object and to take measurements with the micrometer.

Courses 4, 8 and 12 are planned for those who have taken the Mathematics of the Engineering Course. They enter more thoroughly upon the theory of instruments, the correction and reduction of observations.

ENGINEERING,

Required studies for Freshman, Sophomore, Junior and Senior years:

First term.

- 1. Conic Sections.
- 2. Calculus.
- 3. Surveying, Geodesy, Drawing.
- 4. FIELD ENGINEERING, LOCATION AND CONSTRUCTION OF ROADS AND RAILROADS.

Second term.

- 5. CONIC SECTIONS.
- 6. ASTRONOMY.
- 7. GRAPHICAL STATICS, MECHANICS OF SOLIDS AND FLUIDS, DRAWING.
- 8. Engineering: Resistance of Material, Roofs, Bridges.

Third Term.

9. CALCULUS.

- 10. ASTRONOMY.
- 11. MECHANICS OF FLUIDS, DRAWING.
- 12. Engineering: Resistance of Material, Masonry and Foundations.

Courses 1, 2, 5, 6, 9, 10 are identical with the preceding Courses 1, 2, 5, 6, 9, 10 and are described under the head of Mathematics.

CIVIL ENGINEERING. In the Junior and Senior years a course in Civil Engineering will be given. This course contemplates a careful preparation in the elements of the several sciences involved, and as extensive an application of them as the equipment of the College and the student's time will permit. The purpose is to fit young men to enter readily upon the ordinary duties of the Civil Engineer, the construction of Water Works, of Dams, of Bridges, the location and construction of Railroads. The course begins with Surveying and the Elements of Geodesy.

GRAPHICAL STATICS AND MECHANICS OF SOLIDS. The class room work in Surveying is supplemented by field work. This is followed by Graphical Statics and the Mechanics of Solids and Fluids in the

second and third terms. To these subjects are given five hours a week through two terms.

Drawing occupies two hours a week throughout the year.

FIELD ENGINEERING is studied during the first term of the Senior year. Seven hours a week are set apart to this work.

The student will be expected to lay out a short line of railroad, set slope stakes, calculate fills and excavations, align tunnels. In this connection Railroad Economics will be studied.

MECHANICS OF ENGINEERING. The remaining two terms of the Senior year will be devoted to the Mechanics of Engineering, Resistance of Material, Design and Construction of Framed Structures, Masonry and Foundations. To these subjects also are given seven hours a week through the two terms.

CHEMISTRY.

PROFESSOR MONFORT.

Chemistry is a required study in the Latin-Scientific Course through the Freshman year. All courses are open to students qualified for the work.

- GENERAL CHEMISTRY. An introduction to chemical principles and methods. Recitations, lectures and laboratory work, affording a thorough consideration of the chemical elements and their important compounds, with practice in the preparation and purification of inorganic substances. Through the year. Lectures and recitations, Tuesday, 11 to 12. Laboratory, Thursday and Friday, 1:30 to 4.
- Qualitative Analysis. The work, outlined in occasional lectures, consists of the study of reactions involved in the separation and identification of the more important bases and acids, and practice in analysis of simple and mixed salts, alloys, minerals. Laboratory, Tuesday and Wednesday afternoon. Through the year.
- 3. QUANTITATIVE ANALYSIS. In connection with Course 2, individual

work in quantitative analysis will be assigned, if desired, during the latter half of the year. Opportunity is afforded the student to familiarize himself with the general methods and manipulations of gravimetric and volumetric analysis. The course may be continued through the Senior year. Laboratory, Tuesday and Wednesday afternoon.

4. Organic Chemistry. An introduction to the general subject of the chemistry of the carbon compounds is given in a series of lectures to those taking Course 2. This course, with laboratory practice in the preparation of organic compounds, may be continued through the Senior year.

A charge is made for material consumed by the student in laboratory courses; apparatus is loaned by the institution, and actual breakage charged to the student's account. To cover these items, a deposit is made at the beginning of the course, and whatever balance remains is returned when the account is closed. The amount of the deposit for Courses 1 and 2 is \$12. For other courses the amount will vary with the character and amount of the work.

MINERALOGY. An introductory course in crystallography is followed by a systematic treatment of the more common minerals, illustrated by specimens in the mineralogical cabinet, with exercise in the recognition of minerals by their physical characteristics. The course may be continued through the year. Lectures, one hour; laboratory, two hours.

Geology. The work will consist of recitations with collateral reading and lectures on special topics, illustrated by the collections of the College. It may be taken in connection with mineralogy during the latter half of the year. Three hours.

PHYSICS.

PROFESSOR SHEDD.

OUTLINE OF COURSES.

Required.

SOPHOMORE LATIN-SCIENTIFIC. Course 1. Three terms. JUNIOR CLASSICAL. Course 2. Three terms.

Elective. (Three hours each.)

JUNIOR SCIENTIFIC. Courses 3, 4 and 5. SENIOR SCIENTIFIC. COURSES 6 and 7. SENIOR CLASSICAL. COURSES 3, 4 and 5.

- 1. General Physics. Elementary Mechanics, Sound, Heat and Light, Magnetism and Electricity. Fall term, three hours a week, Wednesday, Thursday, Friday, 8 to 9; Winter and Spring terms, three hours. Lectures, Friday and Saturday, 8 to 9. Laboratory work one afternoon per week. Text-book, Barker's Physics, Advanced Course.
- 2. General Physics. Elementary Mechanics, Sound, Heat and Light, Magnetism and Electricity. Fall term, three hours a week; Winter and Spring terms, two hours a week. Textbook, Barker's Physics, Advanced Course.
- 3. THEORETICAL PHYSICS. THEORY OF HEAT. Fall term, three hours. Stewart's Elementary Treatise on Heat.
- 4. Theoretical Physics. Three hours, Winter and Spring terms.

 Theory of Light by Preston. Open to all who have had Course 1 or 2.
- PRACTICAL PHYSICS. EXPERIMENTAL WORK IN MECHANICS, HEAT, SOUND AND LIGHT with collateral recitations. Three hours throughout the year. Nichols's and Sabine's Manuals.
- 6. Theoretical Physics. Theory of Dynamo-Electric Machinery. Three hours throughout the year. Course based on S. P. Thompson's work on Dynamo-Electric Machinery.

7. PRACTICAL PHYSICS. EXPERIMENTAL WORK IN MAGNETISM AND ELECTRICITY, Voltaic and Dynamic. Three hours throughout the year. Nichols, and Stewart and Gee—Vol. II.

Course 6 can be taken only by those who have taken 4 and Course 7 by those who have taken 5.

In the required work of the Sophomore and Junior years, the courses are designed to give an accurate knowledge of the fundamental laws that underlie the various branches of Physics, and to familiarize the student with the general phenomena grouped under each. The course extends through the three terms of the Sophomore year for the Scientific Course, and through the Junior year for the Classical Course.

Course 4 is introductory to Courses 5 and 6 which seek to 5pen up the exceedingly broad field of the practical application of Electrical science. Course 5 is based on S. P. Thompson's work on Dynamo-Electric Machinery.

Courses 4 and 6 seek to train the student in Laboratory Methods, and in actual handling of apparatus.

The elective Courses in Electrical branches are designed as a preparation for entrance upon technical courses in science.

ENGLISH.

Professor Andrews.

REQUIRED.

- 1. Genung's Elements of Rhetoric, with selections from British authors. Three hours, first and second terms. Freshmen. The class will study, besides the text-book in Rhetoric, choice selections from British authors to illustrate the rhetorical rules and principles. There will be exercises in composition every week and in declamation or debate once a month.
- American History, 1775-1790. Three hours, third term, Freshmen, as a basis for themes and debates.
- 3. Essays will be required of the Sophomore Class in connection with their work in the Latin and English Literatures.

- 4. Debates and Orations. Throughout the Junior year there will be debates, orations or essays, at least once a month, in connection with the historical studies.
- 5. Essays, Discussions and Theses. In the Senior year students will prepare essays, discussions and theses on topics connected with the work of the various departments.

ENGLISH LITERATURE.

PROFESSOR CHAMBERLIN.

REQUIRED.

HISTORICAL INTRODUCTION.

ELECTIVE.

- 1. THE ESSAY. 5. EPIC AND IDYLLIC POETRY.
- 2. THE NOVEL. 6. THE DRAMA.
- 3. Romantic Poetry. 7. Literary Criticism.
- 4. Lyric and Elegiac Poetry. 8. Literary Study of the Bible.
- HISTORICAL INTRODUCTION TO THE STUDY OF ENGLISH LITERATURE TO 1830. Readings from 19th Century authors. Second term, Sophomore year. Required.
- 2. HISTORICAL STUDY OF ENGLISH LITERATURE, British and American, since 1830. Readings continued. Third term, Sophomore year. Required.
- English Prose from Elizabeth to Victoria, with special study of style.
- 4. The Novel. Its origin, development and present tendencies.
- 5. ROMANTIC POETRY, with critical study of Coleridge and Wordsworth.
- Lyric and Elegiac Poetry. The origin, nature and elements of poetry. Critical readings from Burns, Grey, Keats and Tennyson.

- EPIC AND IDYLLIO POETRY. Critical study of selections from Paradise Lost and Idyls'of the King.
- 8. LITERARY CRITICISM. Interpretative readings from representative authors in different periods of our literature.
- THE ENGLISH DRAMA. Its orign and development to the death of Marlowe. Illustrative readings.
- Dramatic Literature, from the death of Marlowe to the death of Shakespeare. Study of the plays of Shakespeare and Jonson.
- 11. Dramatic Literature, from the death of Shakespeare to the present time. Illustrative readings.
- 12. LITERARY STUDY of selections from the Old and New Testaments.

Each of the above courses occupies one term, three hours per week. Courses 3, 5 and 6 will be offered to Juniors alternating with Courses 4, 7 and 8. Courses 9, 10 and 11 or 12 will be the regular work of the Senior year. With each course frequent essays will be required and collateral readings assigned.

UNDER-GRADUATE STUDIES

FRESHMAN YEAR.

CLASSICAL.

LATIN-SCIENTIFIC.

TERMS.

LATIN: (3)—Livy: Review of the Grammar; Roman History; Prose Composition: Sight Reading from Composition: Sight Reading from Nepos. Nepos.

GREEK: (3)-Selections from the Attic Orators

MATHEMATICS: (3)-Wells's Solid Geometry.

ENGLISH: (3) Genung's Rhetoric; Compositions and Declamations HISTORY: (3),

CHEMISTRY: (3)-Course I.

GERMAN: (3)-COURSE II.

MATHEMATICS: (3)-Wells's Solid Geom: etry.

ENGLISH: (3)-Genung's Rhetoric; Compositions and Declamations.

II. LATIN: (3)—Livy; Nepos; Roman LATIN: (3)—Livy; Nepos; Roman An-Antiquities; Word Formation. tiquities; Word Formation.

GREEK: (3)-Attic Orators, Homer. MATHEMATICS: (3)-Wells's College Algebra, from Quadratic Equa-

English: (3)-Rhetoric Continued: Compositions and Declamations. HISTORY: (3).

CHEMISTRY: (3)-Course I. Continued.

MATHEMATICS: (3)—Wells's College Algebra, from Quadratic Equations.

English: (3) - Rhetoric. Continued; Compositions and Declamations. GERMAN: (3)-Course II. Continued.

(3)-Gray; Analysis of BIOLOGY: (3)-ANALYSIS OF PLANTS. III. BIOLOGY: Plants.

GREEK: (3)-Homer, Odyssey.

MATHEMATICS: (3)-Plane and Spherical Trigonometry.

ENGLISH: (3)-Essays and Debates founded on American History.

HISTORY: (3).

MATHEMATICS: (3)—Plane and Spherical Trigonometry.

English: (3)—Essays and Debates founded on American History.

GERMAN: (3)-Course II. Continued. CHEMISTRY: (3)—COURSE I. Continued.

Titles in SMALL CAPS designate departments of instruction, and numerals in parenthesis the number of exercises per week.

IN MARIETTA GOLLEGE.

FRESHMAN YEAR.

SCIENTIFIC.

*ENGLISH.

GERMAN: (3)-COURSE II.

LATIN OR GERMAN: (8).

CHEMISTRY: (3)-COURSE I.

CHEMISTRY: (3)-COURSE I.

MATHEMATICS: (3)-Conic Sections.

MATHEMATICS: (3)-Wells' Solid Geometry.

English: (3)-Genung's Rhetoric; Compositions and Declamations.

ENGLISH: (3)-Genung's Rhetoric; Compositions and Declamations.

HISTORY: (3).

HISTORY: (3).

GERMAN: (3)-Course II. Continued.

LATIN OR GERMAN: (3).

CHEMISTRY: (3)—COURSE I. Continued.

CHEMISTRY: (3)-COURSE I. Continued.

MATHEMATICS: (3)—Conic Sections continued; Solid Geometry begun.

MATHEMATICS: (3)—Wells' College Algebra, from Quadratic Equations.

English: (3)-Rhetoric Continued; Compositions and Declamations.

English: (3)-Rhetoric Continued. Compositions and Declamations.

HISTORY: (3).

HISTORY: (3).

BIOLOGY: (3)-CRYPTOGAMIC BOTANY.

BIOLOGY: (3)-CRYPTOGAMIC BOTANY.

GERMAN: (3)--Course II. Continued.

CHEMISTRY: (3)-COURSE I. Continued.

MATHEMATICS: (3)-Calculus.

MATHEMATICS: (3)-Plane and Spherical Trigonometry.

English: (3)—Essays and Debates founded on American History.

ENGLISH: (3)-Essays and Debates found-

ed on American History.

HISTORY: (3).

HISTORY: (3).

*The work in the English Course is the same as that in corresponding studies in other Courses.

SOPHOMORE YEAR.

CLASSICAL.

LATIN-SCIENTIFIC.

TERMS.

LATIN: (3)-Horace; Odes, Satires, Synonyms; Latin Written translations. Literature :

GREEK: (3) - Thucydides, I and II.

MATHEMATICS: (3)-Smith's Conic Sections. Or

BIOLOGY: (3) - Martin's "The Human Body." Or

CHEMISTRY: (3)-COURSE I.

HISTORY: (3)-English History.

GERMAN: (3)-COURSE I.

II. LATIN: (3)-Plautus; Captivi, Rudens; History of Roman Comedy.

GREEK: (3) - Euripides; History of Literature.

GERMAN: (3)-COURSE I. Continued.

MATHEMATICS: (3)—Conic Sections: Solid Geometry begun. Or

CHEMISTRY: (3)—COURSE I. Or

BIOLOGY: (3)-Anatomy.

English: (3)—Historical Introduc-tion to English Literature.

III. LATIN: (3)—Horace; Odes, Books 1II and IV, and Epistles; Roman Life.

GREEK: (8)-Plato, Apology and Crito.

GERMAN: (3)-COURSE I. Continued.

MATHEMATICS: (3)-Calculus. Or

CHEMISTRY: (3)-COURSE I. Or ZOOLOGY: (3)-Vegetable Histology.

Latin: (3)—Horace; Odes, Fatires, Synonyms; Latin Literature; Written translations.

FRENCH: (3)-COURSE 1.

MATHEMATICS: (3)-Smith's Conic Sec-

tions. Or

(3)-Martin's "The Human BIOLOGY: Body."

HISTORY: (3)-English History.

Physics: (3)—Course II.

LATIN: (3)—Plautus; Captivi, Rudens; History of Romau Comedy.

FRENCH: COURSE I. Continued.

PHYSICS: (3)-Course II. Continued

MATHEMATICS: (3)-Conic Sections; Solid Solid Geometry begun. Or

BIOLOGY: (3)-Anatomy.

ENGLISH: (3)-Historical Introduction to English Literature.

LATIN: (3)—Horace; Odes and Epistles; Roman Life.

PHYSICS: (3)—Course II. Continued.

FRENCH: (3)-Course I. Continued.

MATHEMATICS: (3)—Calculus. Or

ZOOLOGY: (3)-Vegetable Histology.

ENGLISH: (3)-Literature Continued. ENGLISH: (3)-Literature Continued.

SOPHOMORE YEAR.

SCIENTIFIC.

*ENGLISH.

FRENCH: (3)--COURSE I. LATIN. FRENCH OR ENGLISH: (3).

Biology: (3)-Martin's "The Human Biology: (3)--Martin's "The Human Body."

MATHEMATICS: (3)-Conic Sections. MATHEMATICS: (3)-Calculus,

HISTORY: (8)--English History. PHYSICS: (3)-Course II.

PHYSICS: (8)-COURSE II. HISTORY: (3)-English History.

FRENCH: (3)-Course I. Continued. LATIN. FRENCH OR GERMAN: (3).

PHYSICS: (3)--COURSE II. Continued. PHYSICS: COURSE II. Continued.

MATHEMATICS: (3)-Astronomy. Mathematics: (3)—Conic Sections continued; Solid Geometry.

BIOLOGY: (3)-Anatomy. BIOLOGY: (3).-Anatomy.

ENGLISH: (3)—Historical Introduction to English Literature.

English Literature.

FRENCH: (3)-Course I. Continued. LATIN OR FRENCH: (3).

PHYSICS: (3)-Course II. Continued, PHYSICS: (3)--COURSE II. Continued.

ZOOLOGY: (3)—Vegetable Histology. ZOOLOGY: (3)-Vegetable Histology.

MATHEMATICS: (3)-Astronomy. MATHEMATICS: (3)-Calculus.

ENGLISH: (3)-Literature Continued. ENGLISH: (3)-Literature Continued

^{*}The work in the English Course is the same as that in corresponding studies in the other Courses.

JUNIOR YEAR.

CLASSICAL.

LATIN-SCIENTIFIC.

TERMS.

HISTORY: (3)—Mediaeval History. Physics: (3)—Course I.

Elective.

(3)-Horace: Ars Poetica: LATIN: Tacitus GREEK: (3)—Aeschylus.
FRENCH: (3)—COURSE I.
GERMAN: (3)—COURSE II.
ENGLISH: (3)—English Prose, 1896;
The Novel, 1897. HISTORY AND THEORY OF THE STATE: (3) MATHEMATICS: (3)-Calculus.
BIOLOGY: (3)-COURSE III.
CHEMISTRY: (3)-COURSES II and IV.
PHILOSOPHY: (3)-History of An-

II. PSYCHOLOGY: (3).
PHYSICS: (2)—COURSE I. Continued.

cient Philosophy.

Elective.

LATIN: (3)--Philosophical or Historical. GREEK: (3)—Sophocles.
FRENCH: (3)—Course I continued.
GERMAN: (3)—Course II continued.
ENGLISH: (3)—Romantic Poetry, 1897; Lyric and Elegiac, 1898. HISTORY: (3)—Modern History.
MATHEMATICS: (3)—Astronomy.
BIOLOGY: ()—COURSE VI.
CHEMISTRY: (3)—COURSE II and IV. Continued. PHILOSOPHY: (3) - History of Mediaeval Philosophy. POLITICAL SCIENCE: (3)—American Constitutional Law and Political

Institutions. III. ETHICS: (3).
PHYSICS: (2)—COURSE I.

Elective.

LATIN: (3)-Work of preceding term continued. CONTINUED.

GREEK: (3).—Aristophanes.
FRENCH: (3)—COURSE I Continued.
GERMAN: (3)—COURSE II continued.
ENGLISH: (3)—Epic and Idyllic Poetry, 1897; Literary Criticism, 1898.
HISTORY: (3)—Guizot. MATHEMATICS: (3)—Astronomy. BIOLOGY: (3) - COURSE VI. CHEMISTRY: (3)-COURSES (3)-Courses II and III. Continued. PHILOSOPHY: (3)-History of Modern Philosophy. SCIENCE: POLITICAL | (3) - Political Science continued.

LOGIC AND PSYCHOLOGY: HISTORY: (3)-Mediaeval History.

Elective.

LATIN: (3)—Horace: Ars Poetica; Tacitus. ENGINEERING: (3)—Surv'ng and Geodesy. French: (2)—Course II. German: (3)—Equivalent of Course II. ENGLISH: (3)—English Prose, 1896; The Novel, 1897. HISTORY AND THEORY OF THE STATE: (3) MATHEMATICS: (3)—Calculus, BIOLOGY: (3)—COURSE III. CHEMISTRY: (3)—COURSES II and IV. PHYSICS: (3)—COURSES III and V. PHILOSOPHY: (3)-History of Ancient Philosophy.

PSYCHOLOGY: (3).

Elective.

LATIN: (3)—Philosophical or Historical. FRENCH: (2)—COURSE II continued. GERMAN: (3)—Equivalent of Course II. ENGLISH: (3)—Romantic Poetry, 1897; Lyric and Elegiac, 1898. HISTORY: (3)—Modern History.

MATHEMATICS: (3)—Advanced Calculus.

ENGINEERING: (3)—Mechanics of Solids and Fluids BIOLOGY: (3)—COURSE VI. CHEMISTRY: (3)—COURSES EMISTRY: (3)—COURSES II and IV. Conti ued. PHYSICS: (3)-COURSES IV and V. PHILOSOPHY: (3)—History of Mediaeval

Philosophy POLITICAL SCIENCE: (3)—American Constitutional Law and Political Institutions. ETHICS: (3).

Elective. (3)-Work of preceding term LATIN: continued. FRENCH: (2)--COURSE II continued GERMAN: (3)--Equivalent to Course II. CHEMMAN: (3)—Equivalent to Course II.
ENGLISH: (3)—Epic and Idyllic Poetry,
1897: Literary Criticism, 1898.
HISTORY: (3)—Gulzot.
MATHEMATICS: (3)—Advanced Calculus.
ENGINEERING: (3)—Mechanics of Solids. EMISTRY: (3)--COURSES II and III. BIOLOGY: (3)—COURSE VI. CHEMISTRY: PHYSICS: (3)—COURSES IV and V. Continued. PHILOSOPHY: (3)—History of Modern

Philosophy.
POLITICAL SCIENCE: (3)—Political Science continued.

JUNIOR YEAR.

work.

SCIENTIFIC.

ENGLISH.

TERMS.

LOGIC AND PSYCHOLOGY: (3). HISTORY: (3)—Mediaeval History.

LOGIC AND PSYCHOLOGY: (3). HISTORY AND THEORY OF THE STATE: (3). HISTORY: (3)-Mediaeval History.

Elective.

Elective.

Ca)—COURSE II.

RMAN: (8)—Equivalent of Course II.

SLISH: (3)—English Prose, 1896; the

Novel, 1897 French: (2)-Course II. GERMAN: ENGLISH:

Novel, 1897
HISTORY AND THEORY OF THE STATE: (3).
ENGINEERING: (3)—Surv'ng and Geodesy.
MATHEMATICS: (3)—Theory of Equations.
BIOLOGY: (3)—COURSE II.
CHEMISTRY: (3)—COURSE II and IV.
PHYSICS: (3)—COURSES III and IV.
PHILOSOPHY: (3)—History of Ancient
Philosophy.

Electives can be chosen by the student in this Course from any of the depart-ments But all studies must be chosen in consultation with the Professor of the department from which they are taken, and with reference to completeness of

PSYCHOLOGY: (3).

PSYCHOLOGY: (3).

Elective.

FRENCH: (2)—Course II continued. (3)—Equivalent of Course II. (3)—Romantie Poetry, 189; GERMAN: ENGLISH: Lyric and Elegiac, 1898.

History: (3)—Modern History.

MATHEMATICS: (3)—Advanced Calculus.

ENGINEERING: (3)—Mechanics of Solids and Fluids.

BIOLOGY: (3)—COURSE II. CHEMISTRY: (3)—COURSES II and IV. Continued.

PHYSICS: (3) -COURSES IV and V. PHILOSOPHY: (3)—History of Mediaeval

Philosophy.

Political Science: (3)—American Constitutional Law and Political Institutions.

ETHICS: (3).

Elective.

Electives may be chosen from any denartment.

ETHICS: (3).

Elective.

FRENCH: (2)—COURSE II.
GERMAN: (3)—Equivalent of COURSE II.
ENGLISH: (3)—Epic Idyllic Poetry, 1897;
Literary Criticism, 1898. HISTORY: (8)-Guizot. MATHEMATICS: (3)—Advanced Calculus. ENGINEERING: (8)—Mechanics of Solids. BIOLOGY: (3)—COURSE VI ('HEMISTRY: (3)—COURSE II and III Continued. PHYSICS: (3)—COURSES IV and V. Continued.

PHILOSOPHY: (3)—History of Modern Philosophy.

POLITICAL SCIENCE: (3)-Political Science continued.

Elective.

Electives may be chosen from any department.

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SENIOR YEAR. CLASSICAL.

TERMS.

EVIDENCES OF CHRISTIANITY: (3). PRINCIPLES OF POLITICAL ECONOMY: (3).

Elective.

Elective.

Latin: (3)—Cicero De Oratore.
GREEK: (3)—Demosthenes.
FRENCH: (2)—COURSE II.
GERMAN: (2)—COURSE III.
ENGLISH: (3)—The Drama.
HISTORY: (3)—Athenian History.
MATHEMATICS: (3)—Toory of Equations.
BIOLOGY: (3)—COURSE VII.
CHEMISTRY: (3)—COURSE III or IV.
MINERALOGY: (3).
PHYSICS: (3)—COURSES III and V.
PHILOSOPHY: (3)—English Philosophy.
PSYCHOLOGY: (3)—ADVANCED COURSE.
PEDAGOGY: (3).

II. LIFE OF CHRIST: (3).

Elective.

LATIN: (3)—Lucretius or Seneca.

GREEK: (3)—Plato.
FRENCH: (2)—COURSE III continued.
GERMAN: (2)—COURSE III continued.
ENGLISH: (3)—The Drama.
HISTORY: (3)—Italian History.
MATHEMATICS: (3)—Advanced Calculus.
BIOLOGY: (3)—COURSE III or IV continued.
MIMERALOGY: (3).
PHYSICS: (3)—COURSES IV and V.
PHILOSOPHY: (3).—Continental Philosophy.
ANTHROPOLOGY: (3).
POLITICAL ECONOMY: (3).—Taxation. POLITICAL ECONOMY: (3)-Taxation. THE THEORY OF MONEY: (3). PEDAGOGY: (3).

III. CHRISTIAN ETHICS: (3).

Elective.

Elective.

Latin: (3)—Philosophical or Literary.
GREEK: (3)—Lyric and Elegiac Poets.
FRENCH: (2)—Course II continued
GERMAN: (2)—Course III continued.
ENGLISH: (3)—The Literary Study of the Bible, 1897; The Drama, 1898.
MATHEMATICS: (3)—Advanced Calculus.
BIOLOGY: (3)—Course IX.
CHEMISTRY: (3)—Course III or IV continued.
GEOLOGY: (3)—Course IV and V.
PHILOSOPHY: (3)—Continental Philosophy.
ANTHROPOLOGY: (3).
POLITICAL ECONOMY: (3)—The Monopoly Problem.
HISTORY OF ECONOMIC THOUGHT: (3).
INTERNATIONAL LAW: (3). INTERNATIONAL LAW: (3). PEDAGOGY: (3).

SENIOR YEAR.

LATIN-SCIENTIFIC.

SCIENTIFIC.

TERMS.

EVIDENCES OF CHRISTIANITY: (3). PRINCIPLES OF POLITICAL ECONOMY:

Elective.

LATIN: (3)—Cloero De Oratore.
FRENCH: (1)—Modern Literature.
GERMAN: (2)—COURSE III.
ENGLISH: (3)—The Drama
HISTORY: (3)—Athenian History. MATHEMATICS: (3)—Calculus.
ENGINEERING: (3)—Field Engineering.
BIOLOGY: (3)—COURSE VII.
CHEMISTRY: (3)—COURSE III or IV.
MINEBALOGY: (3). PHYSICS: (3)—COURSES VI and VII.
PHILOSOPHY: (3)—English Philosophy.
PSYCHOLOGY: (3)—ADVANCED COURSE.

LIFE OF CHRIST: (3).

PEDAGOGY: (3).

Elective.

LATIN: (3)—Lucretius or Seneca. FRENCH: (1)—Modern Literature (1)—Modern Literature (2)—Course III continued. (3)—The Drama. GERMAN: ENGLISH: History: (3)—Italian History.
MATHEMATICS: (3)—Analytical Geometry.
ENGINEERING: (3)—Building Material,
Masonry and Foundations.

BIOLOGY: (3)—COURSE VIII.
CHEMISTRY: (3)—COURSE III or IV.
MINERALOGY: (3).
PHYSICS: (3)—COURSE VI and VIII.

PHILOSOPHY: (3)-Continental Philosophy.
ANTHROPOLOGY: (3).
POLITICAL ECONOMY: (3)—Taxation. THE THEORY OF MONEY: (3). PEDAGOGY: (3).

CHRISTIAN ETHICS: (3)

Elective.

LATIN: (3)—Philosophical or Literary.

LATIN: (3)—Philosophical or Literary.
FRENCH: (1)—Modern Literature.
GERMAN: (2)—COURSE III continued.
ENGLISH: (3)—Literary Study of the Bible,
1897; the Drama, 1898.
MATHEMATICS: (3)—Analytical Geometry.
ENGINFERING: (3)—Work prev. term cont'd.
BIOLOGY: (3)—COURSE IX
CHEMISTRY: (3)—COURSE IX
CHEMISTRY: (3)—COURSE IVI and VII.
PHILOSOPHY: (3)—Continental Philosophy.
ANTHROPLOGY: (3).

ANTHROPOLOGY: (3).

POLITICAL ECONOMY: (3)—The Monopoly

Problem. HISTORY OF ECONOMIC THOUGHT: (3).

INTERNATIONAL LAW. (3). PEDAGOGY: (3).

EVIDENCES OF CHRISTIANITY: (8). (3). PRINCIPLES OF POLITICAL ECONOMY:

Elective.

FRENCH: (1)—Modern Literature. GERMAN: (2)—COURSE III. ENGLISH: (3)—The Drama. HISTORY: (3)—Athenian History. HISTORY: (3)—Athenian HISTORY.
MATHEMATICS: (3)—Calculus.
ENGINEERING: (3)—Field Engineering.
BIOLOGY: (3)—COURSE VII.
CHEMISTRY: COURSE III or IV.
MINERALOGY: (3).
PHYSICS: (3)—COURSES VI and VII.

PHYSICS: (3)—COURSES VI and VII. PHILOSOPHY: (3)—English Philosophy. PSYCHOLOGY: (3)—ADVANCED COURSE.

PEDAGOGY: (3)

LIFE OF CHRIST: (3).

Elective

FRENCH: (1)-Modern Literature. GERMAN: (2)-Course III continued. (3)-The Drama ENGLISH: (3)—The Drama
HISTORY: (3)—Italian History.
MATHEMATICS: (3)—Analytical Geometry.
ENGINEERING: (3)—Building Material,
Masonry and Foundations. BIOLOGY: (3)—COURSE VIII.
CHEMISTRY: (3)—COURSE III or IV.
MINERALOGY: (3) PHYSICS: (3)-COURSES VI and VII. PHILOSOPHY: (3)-Continental Philosophy. Anthropology: (3).
Political Economy: (3)—Taxation. THE THEORY OF MONEY: (3).

CHRISTIAN ETHICS: (3).

PEDAGOGY: (3).

Elective.

FRENCH: (1)—Modern Literature.
GERMAN: (2)—Course III continued.
ENGLISH: (3)—Literary Study of the Bible,

1897; the Drama, 1898.

MATHEMATICS: (3)-Analytical Geometry.

RNGINEERING: (3)-Work of previous term continued

CONTINUED
BIOLOGY: (3)—COURSE IV.
CHEMISTRY: (3)—COURSE III or IV c'ntinu'd.
GEOLOGY: (3).
PHYSICS: (3)—COURSES VI and VII.
PHILOSOPHY: (3)—CONTINENTAL PHILOSOPHY. ANTHROPOLOGY: (3).

POLITICAL ECONOMY: (3)—The Monopoly

Problem HISTORY OF ECONOMIC THOUGHT: (3).

INTERNATIONAL LAW: (3), PEDAGOGY: (3).

HONORS, EXAMINATIONS, COMMENCEMENT.

HONORS.

SECOND-YEAR HONORS.

At the end of the Sophomore year honors of two grades, "Honors," and "Highest Honors," will be awarded in the departments of Latin, Greek and Mathematics to students who have shown marked excellence in the work of the Freshman and Sophomore years, and who have passed with credit a special examination, the character of which will be fully explained by the instructors under whom the examinations are given.

HONORS AT GRADUATION.

Honors of two grades are awarded at Commencement for special proficiency in any of the following subjects: Latin, Greek, Mathematics, History and Political Science, Literature, Science, and Philosophy.

The requirements for honors in each subject are:

- 1. Second-Year Honors or an equivalent standing in studies where honors are not offered.
- 2. Excellence in all required work of the department as represented by a percentage of eighty-five for "Honors" and ninety for "HIGHEST HONORS."
- 3. Elective and special work, the amount and character of which will be announced by the Professor in the department in which the honor is sought.
- 4. The presentation of a written Thesis on a prescribed, or approved, subject.
- 5. An examination immediately following the completion of the assigned work.

No student will be allowed to take honors in one department

whose standing in any other department shall be so low as to indicate deliberate neglect of the studies of that department.

CERTIFICATES.—Successful candidates for honors will receive from the Faculty a certificate, signed by the President and Professor in charge of the department in which the honors are given, stating the grade of honors and the grounds on which they were conferred.

EXAMINATIONS.

Examinations are held at the close of each term or upon the completion of definite portions of the work in the different departments. No student whose term grade has fallen below fifty per cent. in any study will be admitted to the regular examination in that study. Students thus excluded from examination and those who fail to reach a grade of at least sixty per cent. at regular examinations, will be placed on the list of delinquent students.

Any student who is deficient in three or more studies at the beginning of any term will not be allowed to continue the studies of his class. A student may remove deficiencies by special examinations at such times and under such conditions as his instructor may require; but all deficiencies must be made up within six months from date of failure. Usually such examinations will be held at the opening of the term after special review of the subject by the delinquent student.

ATTENDANCE ON COLLEGE WORK.

The amount of study and class room work required of each student is sufficient to keep him occupied every day from the beginning to the close of the College year. This being the case, it is plain that absence for any reason whatever is a serious loss to the student, and cannot be permitted except in unavoidable instances.

Members of the Senior and Junior classes whose unexcused absences exceed eight, and members of the Sophomore and Freshman classes whose unexcused absences exceed six, in any one term, are subject to discipline.

These absences, however, must not occur at the beginning, or near the end of the term, nor can there be two consecutive absences

in any one study; and in no case shall such absences excuse the student from examination upon the omitted lessons.

Members of any class whose excused absences exceed ten in any one term are likewise subjects of discipline; but this number does not include absences occurring under the following conditions: (1) Absence on account of serious illness and excused upon physician's certificate. (2) Absence from the city for one or more days when previously excused. (3) Absence for causes over which the student herself has no control.

RECORD OF PROGRESS IN STUDIES.

A very careful record of each student's work and deportment is kept by the President. This record is based upon a report made to him every four weeks by the Faculty, and enables him to know accurately the class standing and application of each student. A record is also kept by the Registrar of the College. The grades are determined by combining the recitation averages with the examination results. In making up these averages there is no preference of one branch of study over another, but the estimate is made according to the time devoted to each branch of work.

Reports of standing and punctuality will be sent to parents when requested.

COMMENCEMENT ORATIONS.

Each member of the Senior class is required to present for Commencement an oration or a thesis, which must be placed in the hands of the Professor of English not later than the first of May.

GRADUATE AND COLLEGE EXTENSION WORK.

Courses in graduate study leading to the degrees of Doctor of Philosophy and Master of Arts and also in College Extension have been established. Pamphlets giving full information concerning these courses can be obtained on application to the President.

HONORS.

SCHOLARSHIP HONORS CLASS OF 1895.

RICHARD EMIL KEUCHEN, Valedictorian. Marietta.

Robert Alexander Brown, Salutatorian. Bainbridge.

CHARLES WILLIAM BOETTICHER,

Clarington.
Belpre.

LAURENCE NYE DANA, REUBEN S. DOUGLASS,

Murraysville, W. Va.

SAM HART PLUMER.

Marietta.

DEPARTMENT HONORS.

LATIN.

Highest Honors.

ROBERT ALEXANDER BROWN, RICHARD EMIL KEUCHEN, Bainbridge. Marietta.

GREEK.

Highest Honors.

ROBERT ALEXANDER BROWN,

Bainbridge.

REUBEN S. DOUGLASS,

Murraysville, W. Va.

RICHARD EMIL KEUCHEN, Marietta.

MATHEMATICS.

Highest Honors.

REUBEN S. DOUGLASS,

Murraysville, W. Va.

BIOLOGY.

Honors.

CHARLES WILLIAM BOETTICHER,

Clarington.

SECOND YEAR HONORS.

LATIN.

Highest Honors.

HARRY BRIGGS,
DANIEL EDGAR MORGAN,
CHARLES CALLAGHAN WHITE,

Dexter City.
Oak Hill.
Stockport.

Honors.

RAYMOND CLINTON COBURN, LEWIS JOSHUA DAVIS, WILLIAM LLOYD GEE. Becketts.
Marietta.
Gallipolis.

GREEK.

Highest Honors.

RAYMOND CLINTON COBURN, DAVID EDGAR MORGAN, CHARLES CALLAGHAN WHITE, Becketts.
Oak Hill.
Stockport.

Honors.

JESSE LEROY COHAGAN, LEWIS JOSHUA DAVIS, WILLIAM LLOYD GEE, CHARLES PARKER WORTMAN, Keifer. Marietta. Gallipolis. Reinersville.

MATHEMATICS.

Highest Honors.

HARRY BRIGGS,
DAVID EDGAR MORGAN,
CHARLES CALLAGHAN WHITE,

Dexter City. Oak Hill. Stockport.

Honors.

RAYMOND CLINTON COBURN, WILLIAM LLOYD GEE, CHARLES PARKER WORTMAN, Becketts.
Gallipolis.
Reinersville.

APPOINTMENTS FOR PRIZES.

JUNIOR PRIZE ESSAYISTS.

1895.

HENRY MAY DAWES, HARRY HOYT. DAVID DALE JOHNSON, · FRANCIS PENROSE.

SOPHOMORE PRIZE DECLAIMERS.

JOHN WHEELER CROOKS, DAVID EDGAR MORGAN, CHARLES CALLAGHAN WHITE, CHARLES PARKER WORTMAN.

FRESHMEN PRIZE DECLAIMERS.

VERNE MORGAN BOVIE, WILLIAM EVAN DAVIS. THOMAS JOHN JONES,
ALLEN THURMAN WILLIAMSON.

PRIZES AWARDED IN 1895.

GENERAL SCHOLARSHIP PRIZES.

JUNIOR.

DAVID DALE JOHNSON, HARRY HOYT, Parkersburg, W. Va., First. Ravenswood, W. Va., Second.

SOPHOMORE.

HARRY BRIGGS, CHARLES CALLAGHAN WHITE, Dexter City, First. Stockport, Second.

FRESHMEN.

THOMAS JOHN JONES, JOHN LUDWIG LEHNHARD, Sharon, Pa., First. Marietta, Second.

SENIOR ENGLISH LITERATURE PRIZE.

REUBEN S. DOUGLASS,

Murraysville, W. Va., First.

JUNIOR RHETORICAL PRIZE.

HENRY MAY DAWES, DAVID DALE JOHNSON, FRANCIS PENROSE. Marietta, First. Parkersburg, W. Va., Second.

Marietta, Third.

HOWELL'S ENGLISH LITERATURE PRIZE.

CHARLES CALLAGHAN WHITE, HARRY BRIGGS. Stockport, First.
Dexter City, Second.

DECLAMATION PRIZES.

SOPHOMORE CLASS.

DAVID EDGAR MORGAN, CHARLES PARKER WORTMAN,

Oak Hill, Dramatic. Reinersville, Forensic.

FRESHMAN CLASS.

VERNE MORGAN BOVIE, ALLEN THURMAN WILLIAMSON, Gallipolis, Dramatic. Grandview, Forensic.

FRESHMAN ENTRANCE PRIZE.

HENRY HERBERT DYKE, FRED WEISS TORNER, Pomeroy, First. Marietta, Second.

DEGREES CONFERRED IN 1895.

DEGREES IN COURSE.

BACHELOR OF ARTS.

BROWN, ROBERT ALEXANDER, Bainbridge, Magna Cum Laude. Cum Laude. DANA, LAURENCE NYE. Belpre. Douglass, Reuben S., Murraysville, W. Va., Magna Cum Laude. HULBERT, ARCHER BUTLER, Zanesville. KEUCHEN, EMIL RICHARD, Marietta. Magna Cum Laude. PLUMER, SAM HART. Marietta. Cum Laude. RUSSELL, LINCOLN CLAY, Stockport. SLOAN, HERBERT ELIAS, Marietta. WHITE, JOHN MALCOLM, Marietta.

BACHELOR OF PHILOSOPHY.

BOETTICHER, CHARLES WILLIAM, Clarington, Cum Laude.

BACHELOR OF SCIENCE.

BOYAJIAN, GARABED ARTIN, Kutayah, Asia Minor.

A Certificate for the completion of the English Course was granted to EDWARD MARSDEN, Metlakathla, Alaska.

MASTER OF ARTS.

REV. D. F. DAVIES, Class 1874.
C. T. OKEY, Class 1892.
H. L. SCHOOLGRAFT, Class 1892.

DOCTOR OF PHILOSOPHY.

REV. WILBUR F. CRAFTS, Pittsburgh, Pa.

HONORARY DEGREES.

LL. D.

REV. GEORGE S. BURROUGHS, D. D., President Wabash College, Crawfordsville, Ind.

D. D.

REV. W. H. FISHBURN, Columbus.

LITT, D.

JOSEPH H. CHAMBERLIN, Marietta.

SENIORS.

Candidates for the Degree of B. A.

| BEAUMONT, WILLIAM LINCOLN, | Beverly, | 25 N. H. |
|----------------------------|-------------------|---------------------|
| DAWES, HENRY MAY, | Marietta. | 508 Fourth. |
| Hoyt, Harry, | Ravenswood, W. V | a.,508Fourth. |
| Hughson, Birney Emmett, | Bebee, | 738 Fifth. |
| JOHNSON, DAVID DALE, | Parkersburg, W. V | a., 306 Fifth. |
| LUND, CARL HAYES, | Marietta, | 521 Fourth. |
| McKinney, Homer Carlin, | Hebron, W. Va., | 522 Third. |
| Penrose, Francis, | Marietta, | 435 Fifth. |
| LOVE, CURRY HARDEN, | Ft. Palmer, Pa., | 317 Third. |
| REESE, JAMES EVAN, | Plymouth, Pa., | 517 Thi rd . |
| SYKES, WILLIAM EDGAR, | Clarington, | 310 Third. |
| TIDD, ABRAHAM, | Marietta, | 423 Third. |

Candidates for the Degree of B. S.

| STONE. | CHARLES CURTIS. | . Marietta | . 213 Fourth. |
|--------|-----------------|------------|---------------|
| | | | |

Special Student with Senior Class.

| | Donaldson, John | WALTER. | Mercer, Pa | ., 313 Fourth. |
|--|-----------------|---------|------------|----------------|
|--|-----------------|---------|------------|----------------|

JUNIORS.

Candidates for the Degree of B. A.

| COBURN, RAYMOND CLINTON, | Becketts, | 325 Fifth. |
|---------------------------|---------------|------------|
| COHAGAN, JESSE LEROY, | Keifer, | 6 S. H. |
| Davis, Lewis Joshua, | Marietta, | 325 Fifth. |
| GEE, WILLIAM LLOYD, | Gallipolis, | 29 N H. |
| OWENS, EDMUND, | Moosic, Pa., | 10 S. H. |
| SMITH, ALBERT LAWRENCE, | Reno, | 519 Third. |
| WHITE, CHARLES CALLAGHAN, | Stockport, | 24 N. H. |
| WORTMAN, CHARLES PARKER, | Reinersville, | 318 Sixth. |

Candidates for the Degree of B. Ph.

| BRIGGS, HARRY, | Dexter City, | 510 Putnam. |
|-------------------------|--------------|--------------|
| COOKE, ROBERT MILLER, | Gravel Bank, | 318 Sixth. |
| CROOKS, JOHN WHEELER, | Marietta, | 145 Fearing. |
| DAY, JAMES MERTON, | Marietta, | 322 Harmar. |
| EVANS, CHESTER CHIDLAW, | Shandon, | 325 Fifth. |
| TORPY, CHARLES CLARKE, | Marietta, | 306 Putnam. |

Candidates for the Degree of B. S.

GODMAN, JOHN BURWELL, Wheelersburg, 32 N. H.

Special Student with the Junior Class.

Jones, Thomas Jesse, Pomeroy. 18 N. H.

SOPHOMORES.

Candidates for the Degree of B. A.

| Bovie, Verne Morgan, | Gallipolis, | 508 Putnam. |
|----------------------------|-----------------|-------------|
| DAVIS, WILLIAM EVAN. | Scranton, Pa., | 15 S. H. |
| HANCOCK, WINFIELD SCOTT, | Marietta, | 308 Third. |
| HATHAWAY, WILLIAM LUTHER, | Marietta, | 319 Third. |
| JENNINGS, GEORGE IRWIN, | Zanesville, | 420 Sixth. |
| Jones, John Edward, | Oak Hill, | 506 Fifth. |
| JONES, THOMAS JOHN, | Sharon, Pa., | 13 S. H. |
| MAURY, FRED LINDLEY, | Oak, | 233 Third. |
| McClure, Charles Richard. | Marietta, | 310 Second. |
| McKinney, Frank Browning, | Marietta, | 422 Fifth. |
| McLaughlin, Edwin, | Caldwell, | 412 Front. |
| MERGLER, PHILIP ZACCHAEUS, | Mt. Carmel, | 26 N. H. |
| MOORE, CHARLES FREDERICK, | Marietta, | 322 Fifth. |
| PETERS, LEVI JENNINGS, | Detroit, Mich., | 20 N. H. |
| SLOAN, CLARENCE REUBEN, | Marietta, | 219 Fourth. |
| WHITE, HERBERT EMERY, | Jackson, | 22 N. H. |
| WILLIAMSON, ALLEN THURMAN, | Grand View, | 325 Fifth. |

Candidates for the Degree of B. Ph.

GAGE, WILLIAM PAUL, Riverside, Cal., 323 Second. HENKING, CHARLES CLAUDIUS, Gallipolis, 508 Putnam.

| KAISER, KARL GUSTAV, | Marietta, | 722 Seventh. |
|-------------------------|---------------|--------------|
| LAWTON, LEONARD CLAY, | Barlow, | 20 N. H. |
| SUGDEN, CHARLES WILSON, | Marietta, | 319 Gilman. |
| WEIGAND, FRANK, | South Euclid, | 16 S. H. |
| WEIGAND, PRANK, | Bouth Buchu, | 10 0. 1. |

Special Student with Sophomore Class.

| JUDD, HUBERT OSBORNE, | Huntsburg, | 325 Fifth. |
|-----------------------|------------|------------|
|-----------------------|------------|------------|

FRESHMEN.

Candidates for the Degree of B. A.

| BEBOUT, WILLIAM RUPERT, | Wheeling, W. Va., | 317 Third. |
|-------------------------------|-------------------|---------------|
| DAVIES, ARTHUR WILEY, | Mansfield, | 226 Fifth. |
| DAVIES, JOHN WILLIAM, | Scranton, Pa., | 14 S. H. |
| DYKE, HERBERT H., | Mason, W. Va., | 9 S. H. |
| FANKHAUSER, ROBERT WEST, | Laings, | 28 N. H. |
| FEISLEY, CHARLES FREDERICK, | Clarington, | 233 Third. |
| FLEMING, NORMAN OSCAR, | Mansfield, | 226 Fifth. |
| FOLLETT, EDWARD BAILEY, | Marietta, | 326 Front. |
| FORD, ROBERT DAWSON, | Belpre, | 630 Fourth. |
| HALL, CHARLES LEONARD, | New Martinsville, | W. Va., |
| • | • | 310 Fourth. |
| Hopwood, John Lloyd, | Plymouth, Pa., | 7 S. H. |
| HUMBLE, ROBERT MAXWELL, | Emporia, Kas., | 433 Fourth. |
| PERRY, FRANK S., | Marietta, | 618 Third |
| PRATT, THORNTON MILLS, | Portsmouth, | 425 Second. |
| SCOTT, JAMES WILLIAM, | Marietta, | 618 Third. |
| STRAIN, WARREN WARDEN, | Marietta, | 412 Front. |
| THORNILEY, SIMEON LAWRENCE, | Reno, | 702 Fourth. |
| WILLIAMSON, FREDERIC WILLIAM, | Ravenswood, W. Va | ., 420 Sixth. |
| WILSON, CHARLES LORRAINE, | Belpre, | 418 Front. |

Candidates for the Degree of B. Ph.

| GOODHUE, RALPH, KERR, WILLIAM MORRISON, | Clarington, Ironton, | 306 Fifth. 313 Fourth. |
|--|-------------------------|---------------------------|
| SIMPSON, FRANK HAYES, | Pennsville, | 221 Fourth. |
| TORNER, FRED WEISS, | Marietta, | 420 Fifth. |
| WOLFE, WILLIAM HENRY, | Parkersburg, W. | Va., 221Fourth. |

Special Students with Freshmen Class.

| BOETTICHER, WILLIAM EDWARD, | Clarington, | 310 Fifth. |
|-----------------------------|-------------|-------------|
| Hughes, David J., | Oak Hill, | 506 Fifth. |
| SLOAN, ARTHUR | Marietta, | 217 Fourth. |

THE ACADEMY OF MARIETTA COLLEGE.

INSTRUCTORS.

JOHN SHAPE DONAGHHO, B. A.,
Acting Principal, Instructor in Natural Sciences and English.

MARTIN REGISTER ANDREWS, M. A., INSTRUCTOR IN HISTORY AND ENGLISH.

FRANK CRAIG JORDAN, M. A., INSTRUCTOR IN MATHEMATICS.

JOSEPH MANLEY, B. A., INSTRUCTOR IN GREEK.

WILLIAM ALPHA COOPER, B. A., INSTRUCTOR IN GERMAN.

WILLIAM AARON HADLEY, M. A., Instructor in Latin.

GENERAL STATEMENT.

This department of our educational work has its own corps of competent instructors, is located in a beautiful, well lighted and well arranged building, and possesses all the facilities and equipments needed for doing the most effective preparatory work. Its aim is to give to young men a vigorous mental culture and training, and to fit them in every way for the higher, more severe and comprehensive work of the College Courses. It does this by offering through wise, modern methods, instruction in all subjects required for admission to the leading Colleges of the country.

In seeking to attain this end it has also made its curriculum in Language, Literature, History, Science and Mathematics so broad, its training so thorough, and has brought its classes into such intimate relation with the different departments of the College itself, that it is able to offer exceptional advantages to those who, for various reasons, are unable to pursue the more extensive studies required to secure a full and advanced education. All such will find the studies well grouped, and well adapted, not only to lay a foundation for after literary studies and pursuits, but also to secure a good mental discipline, and a large amount of general and useful knowledge.

The teaching force being ample, special attention will be paid to individual needs, and great care taken to teach the student how to study, how to apply his mental faculties, how to concentrate his energies upon any given work so as to make his studies yield him the largest benefit and training and truly fit him for doing with proficiency and honor whatever advanced work he may wish to undertake. While in this department, the student will be closely watched as to his mental progress, and all possible assistance will be given him to form those habits of mental determination, concentration, accuracy, thoroughness, persistence, and of looking at things patiently and from all sides, without which no student can reach intellectual eminence, make high attainments in scholarship, or win any measure of honorable success. Believing that what is put into the first of life is put into the whole of life, it will be the purpose of the instructors during these formative years of student life, to help

each young man not only to acquire knowledge, but also to secure the most effective discipline and mastery of all his powers of which he is capable.

Arrangements have also been made by which the students who are advanced in English studies and have made progress in Science and Mathematics can concentrate their time and energy on deficient language studies until these are made up. In this way some of our best students have completed the regular preparatory Classical Course in less than the prescribed period of three years for Latin and two for Greek. Abundant opportunities will be provided, to enable active, industrious students to progress as rapidly as health, strength, mental capacity and thoroughness of work will allow.

But while everything possible will be done to assist students in making up required studies, which they have not had the facilities to pursue elsewhere, we earnestly recommend young men seeking a good sound education to enter the Academy at an early age. Its courses of study are so graded and systematized, and its methods of instruction are chosen with such constant reference both to elementary and higher work, that the student cannot fail to receive a greater benefit and a more effective training than are possible from schools limited in their requirements and work, where the advanced studies are not kept in view, the inspiration of the College spirit is not felt, and the benefit of College aid is not enjoyed.

Candidates for admission will be received at any time, but as far as they can do so, they are urged to present themselves at the beginning of the year or term. They are required to bring with them testimonials of good character, and an accurate and full record of work previously done. Blanks for this purpose will be furnished upon application. When these certificates indicating the amount of work accomplished have been received, credit will be given accordingly and the students will be assigned to classes for which they are qualified.

The Academy Literary Society meets weekly for literary work. Arrangements have been made so that students in the Academy can have the use of the College Libraries, with more than fifty thousand volumes, and newspapers and magazines, upon the same terms as students of the College.

Special attention is given, both in the Literary Society and in the

class room, to training in composition and written and extemporaneous discourse. Specimens of literature known to be models of clearness, precision, purity and force, both in thought and language, are recited and interpreted, and the student is here taught to think closely, accurately, methodically, and to express himself in well chosen and forcible speech.

The Academy has a weekly prayer meeting conducted entirely by its own members. This meeting is held every Friday evening at 7 o'clock in the rooms of the College Y. M. C. A. The moral and religious development of the young men will be carefully looked after, and the promotion of their spiritual good and highest usefulness will be kept in view in all their work in this department. Manliness in the scholar is the motto of the Academy as well as the College.

COURSES OF STUDY.

The studies in the Academy are arranged in four groups:

- 1. Group A contains the studies required of all students, whatever course they may be pursuing. It consists of nine terms of Mathematics, eight of English, three of General History and one of Civics.
- 2. Group B is designed for those expecting to take the Classical Course in College. It consists of nine terms of Latin, six of Greek, and about half a year each of American History and Physiology.
- 3. Group C, to be chosen by those who intend to enter the Latin-Scientific Course in College, gives the same amount of Latin as Group B, with six terms of German, two of Physics, and one of Botany.
- 4. Group D is for those who wish to take either the Scientific or the English Course in College. It offers a half year each of American History and Physiology, six terms of German, two of Physics, one of Botany, three of Chemistry, and three of advanced Mathematics.

Upon presentation of satisfactory certificates showing that the work in certain studies has already been well done, or upon examination, a student will be allowed to omit those studies from his course, but only for the best of reasons, and upon satisfactory evidence of proficiency, will a student be allowed to omit the work in English.

DEPARTMENT STATEMENTS.

LATIN.

- 1. Beginner's Latin Book: Collar and Daniell's.
- 2. GRAMMAR: Allen and Greenough's.
- 3. AUTHORS: Viri Romae; Cæsar: Gallic War, four books; Cicero: Seven Orations; Vergil: Aeneid, six books.

The requirements in Latin call for five recitations per week during the entire course. The Roman method of pronunciation is used as given in Allen and Greenough's Latin Grammar, page 10. The plan of instruction is, in the beginning, to make the pupil familiar with the conjugations and declensions and give him a vocabulary as rapidly as he is able to use the words readily and accurately. As soon as the class is ready for it, easy reading matter is taken up, in which the forms, idioms, and grammatical constructions are carefully studied. Throughout the course much attention is given to prose composition, based upon the text read.

In the third year, six books of Vergil's Aeneid are read, with careful attention to versification and poetry. Roman History and Roman Life are constantly studied and numerous essays required.

GREEK.

- 1. Greek Lessons: White's.
- 2. GRAMMAR: Goodwin's.
- Authors: Xenophon: Anabasis, four books; Homer: Iliad, three books.

To complete the Greek course of the Academy two years' work is required. In the first, it is purposed to begin reading as soon as a thorough preparation in the common inflections renders practicable. By the end of the year somewhat more than the first book of the Anabasis will have been read, and during this time there will be a close drill upon the forms of words.

In the second year, after four books of Xenophon are completed, about fifty pages of Herodotus and five or six books of the Iliad will be read, the stress throughout being laid on the the study of moods and tenses. Some composition also will be done.

GERMAN.

- 1 OTIS'S ELEMENTARY GERMAN.
- 2. THOMAS'S PRACTICAL GERMAN GRAMMAR.

The Academy course in German requires four hours a week for two years. Students are expected to acquire a good pronunciation, familiarity with the declensions and conjugations, a general knowledge of the syntax of the language, ability to translate ordinary prose at sight and understand easy comedies without translating them, and readiness in composition and conversation on prepared topics. Considerable time is spent in reading aloud, conversation, and sight-translation.

The following text-books or their equivalents are used:

FIRST YEAR: Otis's Elementary German, Bernhardt's Baumbach's Im Zwielicht, Bronson's German Prose and Poetry, Heyse's L'Arrabbiata, Hillern's Hoeher als die Kirche.

SECOND YEAR: Thomas's Practical German Grammar, Storm's Immensee, Auerbach's Brigitta, Riehl's Fluch der Schoenheit, Schiller's Der Neffe als Onkel, Heyse's Kolberg, Riehl's Burg Neideck, Wildenbruch's Harold, Schiller's Maria Stuart, Chamisso's Peter Schlemihl, Baumbach's Frau Holde, Kotzabue's Die Deutschen Kleinstaedter, Schiller's Wilhelm Tell, Harris's German Composition, Parts I and II.

ENGLISH, HISTORY AND CIVIL GOVERNMENT.

- 1. Rhetoric: Lockwood's Lessons.
- 2. LITERATURE: Riverside Series; Masterpieces of American Literature.
- 3. HISTORY: United States, Johnston's; General, Myers's.
- 4. Civics: Fiske's Civil Government.

A majority of the students who are admitted to the Academy enter with such a knowledge of English Grammar and American History as can be gained in the best grammar and district schools. For the benefit of those who have not advanced so far, a review class in Grammar and American History is continued for one year, and, in the subsequent lessons in English, which extend through

the course, there are many exercises designed to widen the student's knowledge of these elementary branches.

In the teaching of ancient and modern history, the instructors constantly seek to guide the student in the selection of the best books from the libraries, both for present reference and for subsequent reading. General History, as a regular study for one year, includes all the chapters of the text-book to the close of the Thirty Years War; afterwards parts are re-read to illustrate lessons in Latin, Greek or Civics. As far as possible the composition exercises for each term are closely connected with that study of English, History or Civics which the student is then pursuing. The same unity of purpose guides the instructors in the selection of readers from the Riverside Literature.

In Civics the students are expected to study carefully all of Fiske's Civil Government and selected chapters in the History of England. There is also a special study of American History for the period between 1781 and 1790. In this, the students read and discuss selections from the writings of Hamilton, Jefferson, Adams, Franklin, Madison and others; from such larger histories as Bancroft, Hildreth, Schouler and McMaster; and from many of the biographies which give information concerning the Formative Period of the Constitution.

MATHEMATICS.

- 1. ALGEBRA: Milne's High School.
- 2. Geometry: Wells' Plane and Solid.
- 3. TRIGONOMETRY: Bowser's.
- 4. ADVANCED ALGEBRA: Wells' College.

As Arithmetic is not included in the course, students on entering will be expected to furnish satisfactory evidence of having completed some good text-book, such as White's Complete Arithmetic. This may be done either by certificate from former school, or special entrance examination.

There are four recitations a week in Algebra, during the first and second years. The time required, however, will depend upon the ability and previous knowledge of the student. For several years

one class has been formed which has completed the whole work in less than one year. The student will be pushed through as rapidly as he can do the work and do it thoroughly. The problems of the text-book are supplemented by large numbers of problems from other sources, given to be prepared as written lessons, and in practice work in the class room. Rapidity and accuracy in manipulating algebraic expressions are the ends sought. All the subjects of an elementary text-book are taken up and carefully studied.

Five hours a week are given to Geometry through the third year, in which time Plane Geometry is completed. As soon as the pupil has mastered a few fundamental theorems, original demonstrations of simple theorems are required, and form an increasingly important part of his work as he proceeds. Considerable time is also devoted to the solution of problems. The effort is made to encourage the student in original investigation, and to develop and foster in him the power of demonstration. The course is the equivalent of the Plane Geometry of any good text-book.

SCIENCE.

- 1. Physics: Carbart and Chute.
- 2. Chemistry: Remsen's Briefer Course.
- 3. Physiology: Martin's Human Body, Briefer Course
- 4. BOTANY: Gray's.

The end kept in view in the teaching of Science is to develop the faculty of close and thorough observation of phenomena, the habit of taking careful and accurate notes of observations, and the power of reasoning from the data thus obtained.

About half of the time required in Physics is devoted to laboratory work, which is always made quantitative, as far as simple apparatus will permit. Accurate measurement is insisted upon, but not to such an extent that the pupil loses sight of the general principle to be illustrated in his efforts to get his data accurate, and he is always led to seek for all sources of error in his experiments. In the class work the solution of a large number of problems is required, the better to fix the meaning of the laws in the minds of the pupils.

In Chemistry, also, about half of the time is devoted to laboratory

work. The class work consists of a careful study of the first nineteen chapters of Remsen's Chemistry, Briefer Course, while about the same ground is covered in the laboratory. The remaining chapters of the book are passed over more rapidly, to give the student some idea of the characteristics of the groups of elements treated.

STUDIES IN THE ACADEMY OF MARIETTA COLLEGE.

First Year.

Second Year.

Third Year.

GROUP A.

ALGEBRA: (4). three terms. ENGLISH: (3). three terms.

ALGEBRA: (4) three terms.
GENERAL HISTORY: (3).
three terms.
ENGLISH: (3)
three terms.

GEOMETRY: (5).
three terms.
CIVIL GOVERNMENT: (5).
first term.
ENGLISH: (5).
last two terms.

GROUP B.

LATIN: (5).
three terms.
AMERICAN HISTORY: (4).
first two terms.
PHYSIOLOGY: (4).
last two terms.

LATIN: (5), three terms. GREEK: (5), three terms. LATIN: (5).
three terms.
GREEK: (5).
three terms.

GROUP C.

Latin: (5). three terms. GERMAN: (5). three terms. Latin: (5). three terms. GERMAN: (5). three terms. LATIN: (5).
three terms.
PHYSICS: (5).
first two terms.
BOTANY: (5).
third term.

GROUP D.

GERMAN: (5).
three terms.
AMERICAN HISTORY: (4).
first two terms.
PHYSIOLOGY: (4).
last two terms.

GERMAN: (5)
three terms.
PHYSICS: (5).
first two terms.
BOTANY: (5).
third term.

ADVANCED MATHEMATICS:
(1).
three terms.
CHEMISTRY: (4).
three terms.

The studies in Group A are required of every pupil, and for entrance a certificate showing satisfactory work done in Arithmetic, or an examination, is required. In addition to this Group. One of the others must be chosen. The studies in Group B will be chosen by those who intend to take the Classical Course in the College. The college of Group C lead to the Latin-Scientific Course, those in Group D to the Scientific and English Courses.

Students are classified according to their proficiency as shown by their certificates, but a student found not capable of doing thoroughly the work of his class, may be dropped into a lower class at any time.

ACADEMY STUDENTS.

A CLASS.

| BAY, WILLIAM JOHNSTON, | Ironton, | 315 Putnam. |
|-----------------------------|------------------|-----------------|
| BROWN, ROBERT SHELLEY, | Ravenswood, W.V | a., 508 Putnam. |
| COE, FRANK EDWARD, | Centre Belpre, | 8 S. H. |
| EBINGER, HARRY JACOB, | Marietta, | 323 Third. |
| FISCHER, HARRY PHILIP, | Marietta, | 317 Second. |
| HILDRETH, ZENAS BROWN HILL, | Marietta. | |
| HUTCHISON, SAMUEL, | Marietta, | 211 Fourth. |
| LEONARD, WALTER HENRY, | Marietta, | 428 Third. |
| MILLER, FRANK, | Reno. | |
| PIERPOINT, WALTER LAWRENCE, | Williamstown, W. | . Va. |
| PLUMER, BEMAN ANDERSON, | Marietta, | 623 Fourth. |
| SADLER, ALFRED JOHN, | Newcastle, Pa., | 25 N. H. |
| SNIFFEN, ALBERT MAYER, | Marietta, | 226 Fifth. |
| Stephenson, Algernon, | Marietta, | |
| WAGNER, ALFRED HENRY, | Marietta, | 206 Scammel. |
| WARRENER, HARRY PERCY, | Amesville, | 5. S. H. |
| WILLIAMS, EVAN REESE, | Scranton, Pa., | 26 N. H. |

B CLASS.

| BLISH, FRANCIS MARION, | Deposit, N. Y., | 524 Fifth. |
|------------------------------|------------------|---------------|
| BROKAW, GEORGE LEONARD, | Roxbury, | 12 S. H. |
| Brown, Samuel Gould, | Sarahsville, | 305 Fort. |
| BUCHANAN, EDWIN, | Marietta, | 409 Fort. |
| BURLINGAME, MELVILLE CORNER, | Plants, | 510 Putnam. |
| COGHILL, ERASTUS ROBERT, | Dayton, | 21 N. H. |
| Cole, William Cutler, | Marietta, | 525 Fourth. |
| COMPTON, JOHN SHARP, | Williamstown, W. | Va. |
| DAVIES, EDGAR FELIX, | Mansfield, | 525 Fourth. |
| DOUGHERTY, OSCAR ORLAND, | Antrim, | 306 Fifth. |
| Dye, Curtis Minor, | Dexter City, | 130 Franklin. |
| Dye, Victor Hugo, | Newport, | 420 Fifth. |
| ELLENWOOD, FRED ALDEN, | Little Hocking, | 508 Third. |
| FARSON, CARL LEWIS, | Belpre, | 315 Putnam. |

| GRIFFITHS, THOMAS, | Newcastle, Pa., | 30 N. H. |
|----------------------------|----------------------|-------------|
| LEEPER, CHARLES FOSTER, | Marietta, | 330 Second. |
| LEMON, ROBERT WINFIELD, | Hockingport, | 619 Third. |
| McConnell, Clayton, | Sistersville, W. Va. | 313 Fourth. |
| PHIPPS, FRANK DAVIS, | Chester Hill, | 5 S. H. |
| SCOTT, CARROLL, | Luke Chute, | 12 S. H. |
| SCOTT, EVAN WALTER, | Alert, | 325 Fifth. |
| SLEIGH, LUTHER EDGAR, | Marietta, | 325 Fifth. |
| Story, Grosvenor Cook, | Beverly, | 306 Fourth. |
| THIEME, SIEGFRIED WILLIAM, | Marietta, | 426 Third. |
| TURNER, DAVID FLEMING, | Centre Belpre, | 411 Harmar. |
| WARD, ASA EVERETT, | Marietta, | 315 Fifth. |
| WINDLING, JACOB HERMAN, | Waterford, | 3 S. H. |

C CLASS.

| BAY, GEORGE GREEN, | Ironton, | 315 Putnam. |
|------------------------------|----------------|--------------------|
| BIDDLE, LLOYD WYLLIS, | Williamstown, | W. Va. |
| CURTISS, FRANK WILLIAM, | Marietta, | 306 Fourth. |
| EDDY, HOMER ERASTUS, | Marietta, | 518 Fourth. |
| FISHER, HAROLD WILSON, | Ironton, | 315 Putnam. |
| HENDERSON, GEORGE TRAVIS, | Williamstown, | W. Va. |
| HULL, HUGH BLAINE, | Mansfield, | 704 Fourth. |
| Johnston, John Nevin, | Marietta, | 312 Fifth. |
| LOOMIS, WILLIAM DWIGHT, | Marietta, | 111 Washington. |
| McClintock, Frank Brinker, | Apple Grove, | 325 Fifth. |
| McCloskey, Howard Wilson, | Marietta, | 319 Gilman. |
| McMechen, David Carroll, | Washington, W | . Va., 214 Fourth. |
| Morrison, James Isaac, | Marietta, | 527 Third. |
| PAPE, DICK CHARLES, | Marietta, | 111 Second. |
| PENROSE, JAMES BRINTON, | Marietta, | 435 Fifth. |
| PLUMER, RAY BOSWORTH, | Marietta, | 623 Fourth. |
| SIMPSON, CHARLES OLNEY, | Marietta, | 507 Fifth. |
| STEVENSON, WILLIAM PHILLIPS, | North Ridgevil | le, 514 Fifth. |
| TURNER, RALPH COIT, | Marietta, | 520 Second. |
| VICKERS, MARCUS, | Fleming, | 620 Second. |
| WENDELKEN, JOSEPH THOMAS, | Marietta, | 611 Fourth. |
| WILLARD, HENRY SEELEY, JR., | Wellston, | 435 Fourth. |
| | • | |

SPECIAL STUDENTS.

| Wheeling, | 317 Third. |
|----------------------|---|
| Clarington, | 310 Fifth. |
| Chicago, Ill., | 501 Fifth. |
| Clarington, | 233 Third. |
| Marietta, | 630 Fourth. |
| New Martinsville, W. | Va., 10 S. H. |
| Marietta, | 432 Third. |
| Ironton, | 313 Fourth. |
| Caldwell, | 412 Front. |
| Mt. Carmel, | 26 N. H. |
| Marietta, | 608 Third. |
| Portsmouth, | Second. |
| Milton, W. Va., | White St. |
| Mansfield, | 525 Fourth. |
| Selden, W. Va., | 221 Fourth. |
| Chicago, Ill., | 214 Fifth. |
| Reno, | 702 Fourth. |
| Summerfield, | 403 Third. |
| Jackson, | 9 S. H. |
| Antrim, | 6, S. H. |
| • | • |
| | 315 Putnam. |
| | Chicago, Ill., Clarington, Marietta, New Martinsville, W. Marietta, Ironton, Caldwell, Mt. Carmel, Marietta, Portsmouth, Milton, W. Va., Mansfield, Selden, W. Va., Chicago, Ill., Reno, Summerfield, Jackson, Antrim, Ravenswood, W. Va. |

FRESHMEN.

MORRIS, WINFIELD SCOTT, TINKER, GEORGE KEVILL, Rockport, W. Va., Williamstown. Wheeling, W. Va., 313 Fourth.

Entered after list of College students had been printed.

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THIRD

ANNUAL CATALOGUE

MARIETTA COLLEGE FOR WOMEN

1895-6

1896
E. R. Alderman & Sons, Printers
Marietta, ohio

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| | DECEMBER, | | | | | | APRIL. | | | | | | | AUGUST. | | | | | | | | |
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| 1 8 15 22 29 | 9 16 23 30 | 3 10 17 24 31 | 4 11 18 25 | 5 12 19 26 | 6 13 20 27 | 7 14 21 28 | 5 12 19 26 | 6 13 20 27 | 7 14 21 28 | 1 8 15 22 29 | 2 9 16 23 30 | 3 10 17 24 | 4 11 18 25 | 2 9 16 23 30 | 3 10 17 24 31 | 4 11 18 25 | 5 12 19 26 | 6 13 20 27 | 7 14 21 28 | 1 8 15 22 29 | | |

ANNOUNCEMENTS.

1895.

Sept. 17, First term, fifteen weeks, began Tuesday morning. College Y. W. C. A. Week of Prayer, Nov. 10-16. Thanksgiving recess, Nov. 28-Dec. 2.

Dec. 20. First term ended

Friday.

WINTER VACATION.

From Dec. 20th to Jan. 7th.

1896.

Jan. 7, Second term, twelve weeks, began Tuesday forenoon. Jan. 30, Day of Prayer for Colleges, Thursday.

Feb. 22, Washington's Birthday. Holiday.

Mar. 27, Second term ended,

Friday.

SPRING VACATION.

From March 27th to April 7th.

April 7, Third term, eleven weeks, began Tuesday morning. Program of Commencement week, June, 1896.

June 14, Baccalaureate Address, Sabbath morning.

June 14, Address before College Y. W. C. A., Sabbath evening.

June 16. Examination for admission Tuesday morning. June 16, Academy Commencement, Tuesday afternoon.

June 17, Class Day, Wednesday.

June 17, Meeting of the Board of Trustees, Wednesday morning.

June 17, Annual meeting and Dinner of Alumni, Wednesday noon.

June 17, Oration and Poem before Alumni, Wednesday.

June 17, Musicale, Wednesday afternoon.

June 17, Oration before Literary Societies, Wednesday evening. June 18. Commencement. Thursday.

SUMMER VACATION.

From June 18th to Sept. 15th.

Sept. 14, Entrance Examinations, Monday. Sept. 15, First term, fifteen weeks, begins Tuesday morning.

Dec. 23, First term ends Wednesday.

1897.

Jan. 5. Second term, twelve weeks, begins Tuesday morning. Spring Vacation, March 26th to April 6th. Spring term, twelve weeks, begins April 6th.

WAS CHARTERED IN

1835.

Corporate Name: The Trustees of Marietta College.

PRESIDENTS.

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|--|------------|
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| REV. JOHN W. SIMPSON, D. D., LL. D., | 1892 |

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Marietta.

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Marietta.
Marietta.
Marietta.
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Marietta.

Marietta.
Ironton.
Mansfield.
Bellaire.
Marietta.

STANDING COMMITTEES OF THE FACULTY.

Catalogue and Curriculum:

Registrar:

Secretary:

Commencement:

Entrance:

Schedule of Work and Examinations:

Special Students:

Deficient Studies:

Discipline:
Art Studies:

Music:

Literary Societies:

MARY S. PHILLIPS, WALTER G. BEACH.

WALTER G. BEACH.

ELIZABETH ANDERSON.

ELIZABETH ANDERSON, ELIZABETH E. PUTNAM.

MARY S. PHILLIPS, PRES. J. W. SIMPSON, WALTER G. BEACH.

WALTER G. BEACH.

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KATHERINE BLANEY.

BERTHA D. METCALF, MARIE L. BUELL.

AMY L. BARBOUR, ELIZABETH ANDERSON.

FACULTY.

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WALTER GREENWOOD BEACH, M. A., PHILOSOPHY, HISTORY, REGISTRAR.

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ELIZABETH ANDERSON,
ENGLISH LANGUAGE AND LITERATURE, SECRETARY OF FACULTY.

MARY LOUISE OLDHAM, MATHEMATICS.

KATE STOCKTON BLAYNEY,
DRAWING, WOOD-CARVING, PAINTING AND DECORATIVE ART.

BERTHA DICKINSON METCALF, INSTRUMENTAL MUSIC.

MRS. MARTHA BELLE VAN VLECK, IN CHARGE OF THE HOME.

FACULTY.

HON. RODNEY METCALF STIMSON, M. A., LIBRARIAN EMERITUS.

ELMORE MARSDEN MONFORT, B. A., LIBRARIAN.

PROFESSORS IN THE COLLEGE FOR YOUNG MEN WHO ALSO GIVE IN-STRUCTION IN THE COLLEGE FOR WOMEN.

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JOSEPH HANSON CHAMBERLIN, LITT. D., LATIN LANGUAGE.

EDWARD EMERSON PHILLIPS, Ph. D., GREEK LANGUAGE AND PHILOSOPHY.

JAMES ALLEN SMITH, Ph. D., ECONOMICS AND SOCIOLOGY.

WILSON FORSYTH MONFORT, B. A., CHEMISTRY, MINERALOGY AND GEOLOGY.

JOHN CUTLER SHEDD, B. A., M. S.,

PHYSICS AND MATHEMATICS.

JAMES FRANCIS JONES, B. S., M. D., Physiology.

JOHN SHAPE DONAGHHO, B. A., PREPARATORY SCIENCES.

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REV. J. H. W. STUCKENBERG, D. D., THE SOCIAL PROBLEM.

REV. WASHINGTON GLADDEN, D. D., LL. D., MUNICIPAL GOVERNMENT.

HISTORICAL STATEMENT.

At the annual meeting of the Corporation of Marietta College, held June 14, 1893, the Trustees decided to undertake the education of young women through what is known as the co-ordinate form of culture. In accordance with this decision, Marietta College for Women was opened September 14, under the charter of Marietta College.

In one respect, therefore, it is a new College, in as much as its opportunities and educational benefits have for the first time been placed at the disposal of young women. In another, it is as old as Marietta College itself, because it partakes of rights, and of a reputation and growth covering a period of more than sixty years.

This College is not a Co-educational institution, because, with the exception of Libraries, Observatory and Science work, the instruction is carried on in separate buildings. It is not a College for separate education entirely, because a large portion of the equipment of Marietta College will be used by students of Marietta College for Women and the Faculty of the latter will be assisted by Professors in the former. We wish it clearly understood that it is not an annex. Its relation to the old College is much closer and more vital and complete than that of an annex, placing as it does the young women on the same plane with the young men and giving them equal privileges, equal facilities for work, and requiring conformity to the same standards.

The aim of the College is, in the best possible form, to give young women the training, benefits and accomplishments of a first-class institution of learning.

The advantages of this arrangement are many. It offers the privilege of graduating from Marietta College, with its diploma, degrees and honors. Students who pursue their work here, enjoy advan-

tages, equipment and facilities for work which cannot be found in a great many institutions for educating women. This plan also avoids many of the complications and disadvantages which arise out of the co-educational system.

We feel confident that this form of instruction will prove satisfactory to young women as well as young men. It will put within the reach of the former the culture they have been seeking, and an education equal to that provided by any established institution of high grade.

LOCATION.

Marietta College is located in the quiet and beautiful little city bearing the same name. It is doubtful if there is any spot in the entire West richer in historic associations. The very name Marietta "was given to the city in its infancy by the officers of our War of Independence just before the breaking out of the French Revolution that carried to the scaffold the unfortunate Marie Antoinette, and was intended to commemorate the Sovereign by whose aid our Independence was achieved." Here also the distinctive ideas, the rights and liberties, the policies and institutions which lie at the base of our American government and which are peculiar to our American civilization, were first planted west of the Alleghenies. Our great, broad interior, so rich and prosperous, is directly connected with, and greatly indebted for its wealth and prosperity to the pioneers who founded Marietta and brought with them the best thought and the richest life of New England. But if Marietta is rich in history it is not less conspicuous for its healthfulness and beauty. Situated at the confluence of the Ohio and Muskingum rivers and in one of the richest and most prosperous valleys of the Central West, it is favored with a fine natural drainage, attractive scenery, and opportunities for quiet study amid inspiring surroundings.

It is very accessible also by the Ohio and Muskingum steamers, the Baltimore and Ohio South-Western, the Cleveland & Marietta, the Ohio River, the Toledo and Ohio Central Extension, the Wheeling & Lake Erie and the Zanesville & Ohio River Railroads.

EQUIPMENT.

BUILDINGS.

THE COLLEGE FOR WOMEN.

This commodious and beautiful structure is situated in one of the most attractive portions of Marietta. The ample grounds by which it is surrounded add to its attractiveness, and the quietness, intelligence and pleasing residences of the neighborhood, make it in every way desirable both as a home and a place for study.

Recitation and Music Building.

By the side of the Woman's College stand the recitation and music buildings, partly new. All the recitation rooms and laboratory for preparatory work have been furnished with new desks, tables and chairs and supplied with all the apparatus and facilities required for doing the highest grade of work. New music rooms have also been provided and equipped with new pianos sufficient to meet the requirements of first class musical departments.

*Library Hall.

Library Hall is a large three-story brick structure, and was erected by the former students of the College. The first half of the lower floor, a good-sized, well lighted hall, contains the museum, a description of which is given elsewhere. The second half is occupied by the libraries of the Alpha Kappa and the Psi Gamma Literary Societies. The second and third floors are entirely covered by the College library, forty-three thousand volumes, one of the largest and choicest owned by any educational institution in the West.

Erwin Science Hall.

Science Hall, also a large three-story brick structure, contains upon its ground floor the Mathematical and Political Science recitation rooms, the recitation room and Laboratory of the

^{*}Library Hall and Erwin Science Hall stand on the Campus of the Men's College, but are used by both Institutions.

department of Physics. The whole of the second floor is used for the work of Biology and Chemistry. Large recitation and investigating rooms are provided, and a good modern equipment for thorough study and experiment. The third story is divided into two commodious halls, used by the Psi Gamma and Alpha Kappa Literary Societies for young men. These have been newly frescoed, recarpeted with handsome Brussels carpet and supplied with new furniture.

The Observatory.

The Observatory has been removed from its former location to a very attractive spot, not only very near to the College, but quite free from atmospheric disturbances and very suitable for astronomical work. The telescope is of excellent workmanship, equatorially mounted and furnished with a Bond spring governor, has a six and a quarter inch object glass, and is ample in power to meet all the needs of class work. A valuable Siderial clock, Sextant, transit, Spectroscope, position Micrometer with telescope, are owned by the College, and other apparatus for exact and scientific investigations are being arranged for, so that the students may be supplied with everything necessary to enable them to study Astronomy in a practical and scientific way.

Museum.

Through the efforts of the College itself and the gifts of valuable private collections, Marietta College now possesses a choice collection of specimens, Mineralogical, Geological and Botanical. These specimens have been gathered with reference to their value in practical instruction, rather than for mere exhibition. To attain this end they have been classified and systematically arranged, and made easily accessible for Chemical, Geological and Physical experimentation. A good supply of quartzes, calcites, carbon minerals, ores and diversified rock masses has been provided, sufficient to enable the student thoroughly to understand minerals and rock structure, Economic and Phenomenal Geology. The Botanical collection includes a full representation of the flora of the West, Middle and Southern States and some from other countries.

LABORATORIES AND APPARATUS.

Biological Laboratory.

The Biological Laboratory is located on the second floor of Science Hall, where a good north light is obtained. It provides a lecture and recitation room, an apparatus room, and a working laboratory, where strong plain tables are so placed as to secure to each student a good light and plenty of table room for his set of reagents and culture apparatus. To each worker will be furnished a compound Microscope of the best modern pattern for Biological work. And in addition he will have the use of the large Microtomes provided for general use. Gas and water have been introduced, and arrangements have been made for the maintenance of animal and vegetable life, so as to furnish ample opportunity for Anatomical and Historical study, and dissection.

Physical Laboratory.

The Physical Department is equipped with apparatus sufficient for the performance of the experiments usually undertaken in undergraduate work, and also for individual investigation along general lines of physical research.

Chemical Laboratory.

The Chemical Laboratory, with stock room, weighing room and lecture room, is on the second floor of Science Hall. Accommodations for more than fifty students are provided. Recently the department has been newly equipped throughout, with modern apparatus for general and analytical work.

LIBRARIES.

The Libraries contain about 50,000 volumes and several thousand pamphlets, the largest collection of books, with but two exceptions, in any College west of the Alleghenies. A merely nominal fee entitles students and the public to all library privileges.

General Library.

The General Library contains large and valuable collections in Philosophy, Political Economy, National and Constitutional Law, Ethics, Sociology, Mathematics, Science, Education. It is remarkably strong in American History, being second to but one library in the West in matters relating to the great Mississippi Valley and the Great West; is unexcelled in Ohio History, containing among much other valuable matter the original deeds and documents of the Ohio Company; and it contains also a very large collection concerning the War of the Rebellion.

The collection of books and pamphlets relating to the American Indians, Archeology, Ethnology and American Antiquities generally, is unusually rich.

It is very full in United States and Ohio documents, containing almost complete sets of the most valuable publications.

The works of reference include Encyclopedias, Dictionaries, etc., and books reserved by request of the officers of instruction as collateral reading for students in their classes. These books are shelved in special alcoves and are accessible to all during library hours.

Periodical literature is very fully represented in more than 4,000 bound volumes, including complete sets of many valuable current and out-of-print magazines. All volumes of critical reviews are bound as soon as complete and at once made available. The number of periodicals and transactions, literary, scientific and technical, currently received at the Library is about one hundred and fifty.

Special arrangements have been made so that students who wish to do special and original work, and those who desire to compete for department honors which have been offered, may have good facilities and advantages for the attainment of these ends.

The General Library is open in term-time every day from 8 a.m. to 4 p. m.

Literary Society Libraries.

The Alpha Kappa and Psi Gamma Societies are in possession of libraries aggregating 11,000, which are open to young women.

These libraries afford students a wide range of reading in History,

Biography, Poetry, Fiction, Essays and general literature, thus furnishing excellent opportunities for an extended study of English, which, at the present time, is receiving special prominence in our College work.

BOAT HOUSE.

Few rivers, either East or West, offer a water-course so favorable for rowing and water sports as that which may be enjoyed by the students of Marietta College.

The Muskingum, a broad deep river, not only runs through a beautiful and fertile valley, but, owing to a series of expensive Government locks, is almost slack water, thus furnishing all the conditions for enjoyable exercise, for those who are fond of the oar. A boat house sufficient in size and conveniently located, not more than ten minutes walk from the campus, is at the disposal of the students. New row boats have already been provided and a boating equipment ample for all the work and training desired by the College will be supplied as needed. Nothing will be left undone to foster and encourage all out-door activities which bring health, vigor, proper recreation and happiness to the attendants of Marietta.

LITERARY SOCIETIES.

An important factor in the education of young women is the power of ready, accurate, forceful speech, a style of expression, conspicuous for clearness, purity and elegance, and which enables one to use to the best advantage at any time, in any place, under any circumstances, her intellectual acquirements. To assist in securing this power, and to supplement the work of the Professor of Rhetoric, two Literary Societies have been formed, which meet weekly, and hold exercises which consist of declamations, essays, orations, discussions, both written and extemperaneous, practice in the work of organizing a deliberative assembly and carrying on its proceedings, a training of practical and rapidly increasing importance to women as well as men. These societies are greatly assisted in this work by the large literary libraries to which they have constant access.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION.

Marietta College for Women, while non-sectarian, is thoroughly christian, and believes that christian culture is an indispensable part of a true education. It aims to realize this belief through short religious exercises carried on daily in the chapel which all students are required to attend; by occasional sermons and addresses designed to show the relationship of christianity to the development of the highest type of womanhood, to the largest usefulness, and to a permanent and honorable success; through the systematic and required study of the Word of God and the application of its teachings to life in all its diversified relations and duties; but especially through the banding together of young christians in an organization which meets weekly, conducted by themselves, and through which they originate and carry into effect, plans for personal christian work, for reaching their unconverted associates, for developing christian character, for disseminating missionary intelligence and cultivating liberality. In the College for young men a similar association has been blessed with several revivals and has been a great spiritual power in the life of the College. It is confidently expected that this organization will be a great help and safe-guard to our young women in one of the most critical periods of their careers.

UNDER-GRADUATE GOURSES OF STUDY IN MARIETTA COLLEGE FOR WOMEN.

Three parallel courses of study are pursued in Marietta College, each requiring four years for its completion.

- 1. The Classical Course, in which the Latin and Greek Languages and Literatures are combined with Mathematical, Scientific and Philosophical studies in that proportion which the experience of the best Colleges has sanctioned.
- 2. The Latin-Scientific, in which a modern language and Science, and certain English studies are substituted for Greek, and a larger liberty is allowed during the course, in choosing between Science and Mathematics.
- 3. The Modern Language, in which German or French is retained, and increased in amount, and instead of the Latin, provision is made for full and thorough courses in French or German History, History, Literature and Art.

These three Courses have been arranged so as to be strictly equal in disciplinary power, and no student can pass from one to the other except on severe examinations in all required back work.

DEGREES.

On a satisfactory completion of the Classical, the Latin-Scientific or the Modern Language Courses, students may be recommended respectively for the Bachelor's degree in the Arts (B. A.), Philosophy (B.Ph.), or Letters (B. L.). No Senior will be recommended for a degree who is deficient in any of the prescribed work, or in the requisite number of elective studies of the course in which she is

a candidate; but conditions may be removed by examinations and the degree conferred whenever requirements are met.

Those who have completed the course with unusual credit will be recommended for a degree of distinction. The degree with distinction is of three grades, Summa Cum Laude, Magna Cum Laude and Cum Laude.

ELECTIVE COURSES.

Elective Courses for students in all departments have been provided. These courses, however, must be chosen in consultation with the Professors of the different departments, and with reference not only to special preparation for some particular vocation, but also so as to secure harmony and completeness of work and a thorough discipline and development of all the student's powers. The regulations governing these electives will be found in chapter on Electives, Honors, Examinations, &c.

PURPOSE AND METHOD OF INSTRUCTION.

A careful examination of the courses of study just indicated will, we are confident, make evident the fact that MARIETTA COLLEGE FOR WOMEN seeks to secure first, the discipline and development of all the student's faculties and the laying of the foundation for a broad and liberal education,-no matter what profession or occupation may afterward be chosen, or along what line the life may afterward proceed. To effectually accomplish this object, all the studies in the earliest part of the student's course are fixed and assigned by the College itself, which is supposed, at least at the beginning, to best understand what studies will secure to her the knowledge of herself, of the subjects before her, the breadth of vision and the training of her powers, which are necessary to an intelligent and judicious choice. Then, when this desired result has been secured, the student is allowed, with proper safeguards, largely to select her own studies, that she may develop those particular faculties, and secure that special knowledge, which will fit her to occupy any position which she may be called to take in after life.

TERMS OF ADMISSION.

No student can be admitted to the Freshman Class until she has completed her fourteenth year, or to an advanced standing without a corresponding increase of age. Satisfactory testimonials respecting character are required of all students without regard to Classification. Entrance students coming from Preparatory institutions of learning, or students from other Colleges seeking advanced Classes, must not only bring with them certificates of dismission, but also, as far as practicable, official statements indicating the text-books used, the ground covered, the time given to the work and the date of the final examinations. These statements will be carefully considered, and used in determining what examinations may be necessary. Blank certificates for this purpose will be furnished on application.

Certificates for entrance to the Freshman Class will be received only from schools which are well known to, and approved of, by the Faculty, and in all cases must be signed by the Principal or Superintendent of Instruction. If the work specified in the certificate is considerably less than the amount required by Marietta College for admission, the certificate will not be accepted for the subject in which the deficiency occurs, although in other respects it may be entirely satisfactory.

At the close of the first six weeks of the Freshman year, those members of the class whose work has proven satisfactory will be matriculated. Other members will be required to take their work with classes in the Academy, for which they are qualified, or will be continued as conditioned students in the Freshman Class.

The regular examinations for admission to the College are held on the day preceding Commencement. This year June 17th, in 1897,

June 16th. As far as possible candidates are urged to be present at this examination. A second examination will be held at the opening of the Fall term.

The requirements for admission to the Freshman Class are as follows:

FOR THE CLASSICAL COURSE.

- ENGLISH GRAMMAR. This examination will include the essential outlines of Grammar, such as the derivation and composition of words; the classification of the different parts of speech and the definition of their office; exercises in parsing and conjugation; analysis of sentences; proper arrangement of phrases and subordinate clauses; in a word, all that is necessary to show that the student understands how to use words correctly, and the proper structure and relation of principal and subordinate members.
- ELEMENTARY RHETORIC. The student will be tested in her knowledge of the rules governing spelling, correct use of the different punctuation marks, and her power to construct sentences and paragraphs so as to write with ease, elegance and purity of language, any document of a business or official character, or any communication she may wish to send to a friend in private, or have appear in public print.
- ELEMENTARY LITERATURE. The candidate here must show that she has studied some of the great masterpieces of Literature, that she appreciates the purity, precision, clearness and energy of their style, that she understands what gives them their beauty and popularity, and makes them fit models for all who would write with power and success.
- ENTRANCE ESSAY. Each student applying for admission will be required to write a short essay on one of the several themes assigned at the time of the examination. The themes will be selected from the following works, with which each student is expected to be familiar:

1896. Shakespeare's Macbeth, Goldsmith's Vicar of Wakefield, Tennyson's Idyls of the King, Emerson's American Scholar, Irving's Sketch Book, Dickens' David Copperfield, Scott's Ivanhoe.

1897. Shakespeare's Julius Casar and Merchant of Venice, Scott's Lady of the Lake, the Sir Roger de Coverly papers in the Spectator. Macaulay's Essay on Milton, Webster's first Bunker Hill Oration.

1898. Shakespeare's Julius Casar and Twelfth Night, Irving's Tales of a Traveler, Macaulay's Essay on Addison, Scott's Abbott, Arnold's School and Rostrum, Defoe's History of the Plague in London, George Eliot's Silas Marner, Longfellow's Courtship of Miles Standish.

UNITED STATES HISTORY. From the beginning of the Colonial period to the termination of our Civil War. Special reference in this examination will be made to the colonization of the several States, the form of government which existed previous to the War of Independence, the causes and principal events in that struggle, the period of Confederation, the establishment of

our Federal Constitution and a careful review of the most important periods subsequent to that time. Text book, Montgomery's, or one of equal scope and thoroughness.

- GENERAL HISTORY. Text-book, Myers' General History. In this examination special attention will be given to the chapter on Greece and Rome. In the former familiarity with Geography and maps, dates, especially those of the fifth and fourth centuries, and the connection and sequence of important events will be required. In the latter the student must be able to give ten or fifteen dates of most significant events. She must also have a thorough knowledge of the Second Punic War, and be familiar not only with the closing days of the Republic, but also with the causes which led to its fall and to the establishment of the Empire.
- CIVIL GOVERNMENT. It is required of those entering the College that they shall have some definite knowledge of our Civil Institutions and their relations to each other. Accordingly, each student must show that she understands clearly the main features of the United States Constitution, and their practical workings as interpreted by the Courts, higher and lower, and as seen in the life of the nation. She must also show that she understands the relation of the States to each other and to the nation and the character of their supplementary government, without which the Federal Constitution can not be rightly understood.
- Physical Geography. Houston's text-book or any equivalent.
- Physiology. The ground covered by Martin's Human Body (Briefer Course). Hygiene, as much as can be gathered from the general text and from the chapter on "Stimulants and Narcotics."
- ARITHMETIC. So much as is given in White's New Complete, or in Ray's Practical Arithmetic, including the Metric system, Ratio and Proportion, Percentage and its applications, Partnership, Involution, Evolution, Mensuration.
- ALGEBRA. Through Quadratics, embracing Factoring, Common Factors and Multiples, Theory of Exponents, Radicals, Imaginaries, Equations of the first and second degrees in one unknown quantity; Simultaneous Equations of the first and second degrees: Properties of Quadratics. Briefly, the requirements cover an equivalent of Wentworth's School Algebra, through Ratio and Proportion.
- GEOMETRY. Plane. The Plane Geometry of the books of any of the following authors: Davies, Wells, Loomis, Chauvenet, Wentworth, Newcomb, Wilson, will give an adequate idea of the extent of the requirements in this subject.
- LATIN. Grammar, Allen and Greenough's. Prose Composition, Collar's or an equivalent. Authors, Caesar, four books; Cicero, seven orations; Sallust, Catiline; Virgil, six books. Roman History, see requirements for admission in History. Translation at sight of simple passages from Ciesar or Cicero, selected from books or orations not read in the class room.

Instructors fitting students for the entrance examinations are urged to give special attention to reading of the text, using the Roman method of pronunciation, to forms, syntax of nouns, and to indirect discourse.

Readiness in recognizing forms is of prime importance. For further suggestions see statement for the preparatory course in the Academy.

GREEK. A knowledge of the main principles of Grammar as given in Goodwin or Hadley-Allen, Prose Composition; Woodruff's Exercises in Greek Prose Composition, fifty pages, or Allinson's Greek Prose Composition, Part I. Translation at sight of easier passages from Xenophon and Homer. Four books of Xenophon's Anabasis and three books of Homer's Iliad. Greek History and Geography, see requirements for admission in History.

Greek should be pronounced with the accents and with the sounds of the vowels and consonants as given in Goodwin and Hadley-Allen.

The leading statements in the Grammar of the principles of syntax, especially of conditional sentences and indirect discourse, should be thoroughly committed to memory; and constant reference should be made to the Grammar as a help to accuracy in translation.

In reading Xenophon and Homer great care should be taken to make the translation simple, clear, accurate and idiomatic. Teachers are urged to insist that the language of the translation be English. In reading Homer it is important not only to divide accurately into feet, but also to read the verse metrically, marking the caesura.

SUBSTITUTIONAL ENTRANCE STUDIES FOR THE CLASSICAL COURSE.

Where graduates of High Schools and Preparatory institutions have not had facilities to study Greek and to read all the Latin for regular admission to the Classical Course, they will be allowed to substitute additional Mathematics, Science, or other studies indicated below, and opportunities will be given in College to make up deficiencies in language. As an equivalent for three orations of Cicero and three books of Vergil, any one of the following groups of studies will be accepted; and any two for the Greek.

- 1. SCIENCE: Physics; Botany.
- 2. Science: Chemistry; Zoology.
- MATHEMATICS: Geometry, Plane and Solid completed; Algebra completed; Trigonometry.
- 4. GERMAN: Grammar; Grimm's Maerchen: Andersen's Die Eisjungfrau.
- GERMAN: Wilhelm Tell; Minua von Barnhelm; Undine; Hermann and Dorothea.
- 6. FRENCH: Proficiency in Grammar; ability to translate simple selections from modern authors at sight and translate English sentences into idiomatic French. Translation of L'Abbe Constantine (Halevy), Le Roi des Montagnes, (Abont), Le Voyage de M. Perrichon.

*REQUIREMENTS FOR THE LATIN-SCIENTIFIC COURSE.

ENGLISH:

- (1) English Grammar.
- (2) Elementary Rhetoric.
- (3) Elementary English Literature.

HISTORY:

- (4) History of the United States.
- (5) Myers's General History.
- (6) Civil Government.

SCIENCE:

- (7) Physical Geography.
- (8) Physiology.

MATHEMATICS:

- (9) Arithmetic, including the Metric system.
- (10) Algebra, through Quadratics.
- (11) Geometry, plane.

LANGUAGE:

- (12) Latin same as Classical Course.
- (13) German: thorough acquaintance with Joynes-Meissner's Grammar, Joynes's Reader.

Authors, Schiller, Wilhelm Tell, Goethe, Hermann und Dorothea, Lessing, Minna von Barnhelm, or an equivalent amount of Classical German.

Sight translation of simple selections. Translation of simple English sentences into idiomatic German. The student in German should early acquire a large vocabulary, so that the aid of the Lexicon will be required but rarely, except for new words. The ear should be trained, so that she can understand ordinary German when read to her, and can translate it without reference to the printed page.

French; proficiency in advanced Grammar and Composition, ability to follow a recitation conducted in French, translation of L'Abbe Constantin, Le Roi des Montagnes, La Famille de Germandre, Pecheur d'Islande, French Lyrics (Bowen), Athalie (Racine).

+FOR THE MODERN LANGUAGE COURSE.

English:

- (1) English Grammar.
- (2) Rlementary Rhetoric.
- (3) Elementary Literature and Composition.

HISTORY:

- (4) History of the United States.
- (5) Myers's General History.

^{*}For full explanation of numbers 1 to 8 and 9 to 12 see Classical requirements.

^{*†}For full explanation of 1 to 10 and 14 to 18 see Classical and Latin-Scientific requirements.

- (6) Outlines of German and French History.
- (7) Civil Government.

SCIENCE:

- (8) Physical Geography.
- (9) Physiology.
- (10) Elementary Physics, one year.
- (11) Elementary Chemistry of Inorganic Bodies. Text-book recommended, Remsen's Inorganic Chemistry (Briefer Course), or Williams' Laboratory Manual. The experimental work should be both in general Chemistry and in simple qualitative analysis of solutions of salts.

BOTANY:

(12) The student must not only study the text-book, but plants themselves as to form and structure. Such a knowledge of plants will be required as will enable the student to determine the order and genus of any common plant. And as large a number of plants must be analyzed as can be done in one season, fifty at least. Gray's text-books may be used, or Bessey's or Campbell's.

ZOOLOGY:

(13) Any line of study may be pursued which deals with animals themselves, instead of simply reading about them. One year's time is required when this is taken in the place of Botany and Physiology. Colton's Practical Zoology may be used as a guide.

MATHEMATICS:

- (14) Arithmetic, including the Metric system.
- (15) Algebra, higher.
- (16) Geometry, plane.

LANGUAGE:

- (17) German same as in Latin-Scientific Course.
- (18) French same as in Latin-Scientific Course.

SPECIAL STUDIES.

Students who desire to pursue special studies without becoming candidates for a degree will be allowed to do so on the following conditions: Each applicant for special studies must furnish to the President or Dean satisfactory reasons why she chooses a special rather than a regular course, and give to the committee on special studies evidence of intellectual preparation and ability to carry with credit the studies she desires to take up.

In order to give system and unity to special studies and make them of the very greatest value to the student, these studies have been arranged in groups, as follows:

Language group: Classical, Latin and Greek. Modern, German and French.

- (2) English group: Rhetoric and English Literature.
- (3) Mathematical group: Algebra, Geometry, Trigonometry and Astronomy.
- (4) Physical Science group: Chemistry, Physics, Geography and Mineralogy.
- Biological Science group: Botany, Zoology, Physiology, Paleontology.
- (6) Historical group: All Historical studies.
- (7) Political Science group: Political Science, Sociology, Economics and International Law.
- (8) Philosophy group: Logic, Psychology, Ethics, History of Philosophy and Pedagogy.

DEPARTMENTS OF INSTRUCTION.

BIBLICAL LITERATURE AND CHRISTIAN ETHICS.

PRESIDENT SIMPSON.

REQUIRED.

EVIDENCES OF CHRISTIANITY.

LIER OF CHRIST

CHRISTIAN ETHICS.

EVIDENCES OF CHRISTIANITY. During the Fall term the great fundamental truths and proofs of Christianity will be the subject of investigation. These will be considered practically and for the purpose of showing that Christianity rests not on fancies but on facts, and that Newton and Descartes were right when they said no sciences are better attested than is the religion of the Bible, not even the Mathematical, and that the cordial acceptance of the Christian religion is the most rational as well as the highest of human acts.

THE LIFE OF CHRIST. During the Winter term a special study will be made of the age in which Christ appeared; the fulfillment in him of the Old Testament predictions; the purpose and character of his mission; and the qualities and characteristics which establish beyond doubt his Divine origin and authority.

CHRISTIAN ETHICS. In the Spring term the relation of Christianity to life, individual and social, political and industrial, secular and religious, will be considered. The design of this study is to help the student acquire clear and definite convictions so that she may go forth at the end of her college course able to apply moral and christian principles to all the diversified activities and relations of life.

Instruction in all these studies will be given through text-books, lectures and collateral readings.

SOCIOLOGY AND ECONOMICS.

PROFESSOR SMITH.

SOCIOLOGY.

THE FACTS, PRINCIPLES AND METHODS OF SOCIOLOGY. MODERN SOCIAL PROBLEMS.

THE FACTS, PRINCIPLES AND METHODS OF SOCIOLOGY. The course of instruction in Sociology very properly commences with the phenomena of social progress and organization. The natural history of society is studied so as to help the student understand the growth and development of society from its primary and simplest to its most highly civilized and complex stages. Social government in its structure, principles, methods, prejudices and evils; customs, their character and power: industrial arts and systems, and how carried on; intellectual conditions, the prevailing educational, scientific and aesthetic forces; private and public morals, in short all social phenomena are noticed and discussed. Then these facts are considered in connection with social ideals, ideals which are calculated to secure the advancement of social welfare, and lead society up to what it ought to be. After this follows a careful consideration of the agencies by which available social forces may be so employed as to change the ideal into the actual.

Modern Social Problems. When, by means of the systematic instruction indicated above, the student has gained an intelligent acquaintance with social facts, and is able to survey all social activities in their inter-relations, and has become capable of wide generalization and accurate discrimination in Constructive Sociology, then she is led on to the consideration of the obligations of society, to the Dependent, Defective and Delinquent classes, or to the problems of Social Science, viz: Charity, Pauperism, Criminology, Marriage, Divorce, Temperance, Education, Social Legislation, Massing of populations, and Municipal affairs. Work in Sociology will be carried on through text-books, lectures and assigned readings.

ECONOMICS.

PRINCIPLES OF POLITICAL ECONOMY.

THE MONOPOLY PROBLEM.
THE THEORY OF MONEY.

HISTORY OF ECONOMIC THOUGHT.

- 1. Principles of Political Economy. The work begins with a brief survey of the changes constituting the Industrial Revolution. This is followed by an analysis of economic society as we find it to-day among the leading and most highly civilized nations.
- 2. Taxation. This course takes up the theory and the methods of taxation, the objects which public expenditure has in view, and the way in which the revenues of the various grades of government are secured.
- 3. The Monopoly Problem. The railway, the telegraph and the various monopolies, national and municipal, are considered with reference to their effect upon the production and distribution of wealth. The different forms of control are studied.
- 4. THE THEORY OF MONEY. In this course money is considered in its relation to the competitive organization of society. It is studied as an instrument of competition and as the agency through which the co-ordination of industrial functions in competitive society is secured.
- 5. HISTORY OF ECONOMIC THOUGHT. This course traces the development of economic theory in its relation to the changes in the industrial organization of society.

PHILOSOPHY.

PROFESSOR BEACH.

REQUIRED.

- (1) Logic. Three hours; first half of first term; Juniors.
- (2) Psychology. Three hours; remainder of first term, and second term; Juniors.

ELECTIVE.

(3) History of Modern Philosophy. Three hours; third term. Open to Seniors and Juniors who have taken (1) and (2).

OPEN TO SENIORS.

- (4) Ethics. Three hours; first term.
- (5) ADVANCED ETHICS. Two hours; second term.
- (6) Social Philosophy. Two hours; third term.

The work of this department has a two-fold purpose. It aims to stimulate and discipline the thinking power, and to arouse and direct an interest in the problems of life and mind. Courses (1), (2) and (3) are designed to acquaint the student with the terminology, divisions and scope of philosophy, to describe the main problems of mental activity, and to give an outline of the course of philosophic thought in modern times. Bosanquet's Essentials of Logic will be used in Course (1), and James' Psychology, Briefer Course, will be the basis for Course (2). In the History of Philosophy no text-book will be required, but Falckenberg's History of Modern Philosophy will be used, with readings from Descartes, Locke, Berkeley, Hume and Kant.

Course (4) will seek to describe the facts of ethical conduct as brought to light by comparison of different nations and periods of civilization, and by moral consciousness; to criticise and explain leading ethical theories in the light of these facts; and to apply these suggestions to practical questions.

Course (5) gives opportunity for the more careful study of some single writer on Ethics. T. H. Green's Prolegomena to Ethics will be read with the class next year.

Course (6) will be based largely upon Mackenzie's Social Philosophy.

For History of Greek Philosophy see Greek Department Statement.

LATIN.

MISS BARBOUR.

REQUIRED.

LIVY, at least one book.
CICERO, De Senectute or De Amicitia.
HORACE, Odes, Satires and Epistles.
PLAUTUS, Captivi and Rudens.

Roman History. Roman Life. Roman Literature. Prose Composition.

1. Livy. During the first and second terms of the Freshman year,

LIVY is read and attention is given to the History of Rome, as as well as to the style and grammatical structure of the language. The work in prose composition is intended to familiarize the pupil with the Latin order of thought and expression.

- 2. CIOERO DE SENECTUTE. During the third term Cicero's De Senectute or De Amicitia is read and the student's attention is directed to the arguments and style of the author.
- 3. Horace. The Sophomores read during the Fall term, selections from the Odes and Satires of Horace, with attention to the metre and the poetic qualities of the writer. The Epistles are read during the Spring term.
- 4. PLAUTUS. During the second term Latin Comedy is read and the development of the Roman Drama considered.

 Roman Life, social and political, and Roman Literature

are subjects of collateral study during the year.

ELECTIVE COURSES.

- 1. HISTORY: Sallust, Livy, Tacitus, Suetonius.
- ROMAN LIFE: Cicero's Letters, Pliny's Letters, Juvenal, Martial. Inge's Society in Rome under the Cæsars.
- 3. Roman Law: Justinian's Institutes, Morey's Outlines or Hadley's Introduction, Selections from the Pandects.
- 4. Philosophy: Cicero De Natura Deorum or De Finibus, Lucretius De Rerum Natura, Seneca.
- 5. RHETORIC AND ORATORY: Cicero and Quintilian.

GREEK.

MISS BARBOUR AND PROFESSOR PHILLIPS.

I. REQUIRED.

Greek is a required study in the Classical Course three hours a week through the Freshman and Sophomore years.

 GREEK HISTORY. Selections from Herodotus giving the story of the Persian Invasion, followed by Thucydides's account of the rise of the Athenian Empire and selected orations of Lysias;

sight translation from Xenophon's Hellenica I and II; review of etymology and syntax; Greek History in the 5th Century B. C. with readings from the histories of Grote and Curtius and from Jebb's Attic Orators. First half of Freshman year.

MISS BARBOUR

- 2. Homer. Twelve books of the Odyssey and literary study of the whole poem; sight translation, oral and written; the Homeric Question; Life in the Heroic Age; Jebb's Introduction to Homer. Second half of Freshman year. Miss Barbour.
- 3. Plato. The Apology of Socrates, the Crito, and parts of the Phaedo will be read with more especial reference to the subject-matter, to the style and idiom of Plato. First term of Sophomore year.

 PROFESSOR PHILLIPS.
- 4. Drama. Euripides, Media; Sophocles, Antigone; Development of dramatic literature; Greek scenic antiquities. Attention will be given to the metrical form and to written versions. Second term of Sophomore year.

 Professor Phillips.
- Lyric Poetry. Selections from the lyric poets; History of Greek poetry (Jebb) and its relation to Latin poetry, metres and other written versions. Third term of Sophomore year. Professor Phillips.

II. ELECTIVE.

The following Elective Courses are open to Juniors and Seniors:

6. Greek Philosophy. Zeller's Outlines of the History of Greek Philosophy; lectures, theses, collateral reading from Zeller's Larger History of Greek Philosophy, Erdmann, Ueberweg, Ritter, Grant, Plato, Aristotle. The course of Greek philosophic thought is traced from its rise in the schools of the pre-Socratic period, through its highest development in Plato and Aristotle, its expansion in Stoic and Epicurean schools and final issue in Neo-Platonism. This course may be taken by those who have not had Greek. It is alternative with Course 7. Three times a week the first term.

PROFESSOR PHILLIPS.

7. Greek Literature. A History of Greek Literature from Homer

to Meander. Alternative with Course 6. This course will not be offered in 1896. Three hours a week the first term.

PROFESSOR PHILLIPS.

- 8. Ancient Art. Lectures on the principles of Greek Architecture and the development of Greek Sculpture, with the relation of art to the history and character of the Greek people. Vases, terra cottas, coins, gems, etc., are treated in less detail, as well as the art of the Egyptians, Assyrians, Etruscans, and Romans; but the general subject is pursued far enough to give a fairly connected view of the art of the ancient world. Reber's History of Ancient Art and Collignon's Manual of Greek Archaeology are recommended as text-books, and use is made of the lantern and the illustrative material in the College Library. This course is alternative with Course 9, and will not be offered in 1897. Three hours a week the second and third terms.

 Professor Phillips.
- 9. Mediaeval and Modern Art. History and and styles of Architecture, the Byzantine, Romanesque, Gothic, and Renaissance. Principal attention is directed to the Gothic style, its rise in France and modifications in England, Germany, Italy, and Spain. In the Renaissance period the revival of ancient art is considered in connection with the revival of ancient learning and the new intellectual movement. Gothic and Renaissance sculpture are treated in outline. Alternative with Course 3. Three hours a week the second and third terms.

PROFESSOR PHILLIPS.

GERMAN.

MRS. PHILLIPS.

I. REQUIRED.

- 1. ELEMENTARY COURSE.
- 3. History and Composition.
- 2. GERMAN CLASSICS.
- 4. GERMAN LITERATURE AND COM-POSITION.

II. ELECTIVE.

- 5. RAPID READING OF MODERN AUTHORS.
- 6. SPECIAL STUDY OF GOETHE.

German is a required study in the Modern Language Course through the Freshman and Sophomore years. Courses 1 and 2 are for students who offered French at entrance. Courses 3 and 4 for those who offered German. In the Latin-Scientific Course either French or German may be offered for entrance, the one not offered must be taken in the Sophomore year, and either one or both may be elected in the Junior or Senior years. German or French must be taken in the Sophomore year of the Classical Course, and one or both may be elected in the Junior and Senior years.

All courses in German may be taken as electives, but students must select such courses as their preparation fits them to pursue. In all courses the texts vary slightly from year to year but the amount remains substantially the same.

- ELEMENTARY GERMAN. German Grammar, Joynes-Meissner, Parts 1 and II, with readings from Grimm's Maerchen, Heyse's L'Arrabbiata, Storm's Immensee, Benedix die Hochzeitsreise and Doktor Wespe. Class room work conducted so far as practicable in German. Five hours a week through the year.
- GERMAN CLASSICS. Advanced Grammar and Composition with readings from classical authors. Schiller's William Tell or Jungfrau von Orleans, Goethe's Hermann und Dorothea Lessing's Minna von Barnhelm and Freytag's Journalisten. Conversation and sight reading. Four hours a week through the year.
- 3. HISTORICAL GERMAN. Schiller's Historische Skizzen, Goethe's Egmont and Goetz von Berlichingen, Freytag's aus dem Staat Friedrichs des Grossen. German Composition—von Jagemann. Dictation exercises and translation of simple German by sight and by ear. Three hours a week through the year.
- 4. HISTORY OF GERMAN LITERATURE. Based on Kluge's National Literatur, with selections from Kluge's Auswahl deutscher Gedichte; collateral readings from Vilmar and Scherer. Special attention given the reading of Schiller's Ballads, Heine and Uhland, and in the Spring to Goethe's Wahrheit und Dichtung. Recitations from Kluge required in German.

Advanced composition continued. Three hours a week through the year.

- 5. RAPID READING OF MODERN AUTHORS. Heyse, Auerbach, Scheffel, Freytag and others. Readings mainly without translation. Exercises in conversation and composition based on texts read. Three hours a week through the year.
- 6. Specal Study of Goethe. Torquato Tasso, Iphigenie, Faust. Sight reading from modern authors. Selections from English history and fiction translated into German. Three hours a week through the year.

FRENCH.

MISS PUTNAM.

I. REQUIRED.

- 1. ELEMENTARY COURSE. 3. HISTORY AND COMPOSITION.
- 2. Modern Prose and Poetry. 4. Nineteentii Century Literature and History.

II. ELECTIVE.

- 5. MOVEN AGE ET RENAISSANCE.
- 6. SEVENTEENTH AND EIGHTEENTH CENTURY LITERATURE.
- 7. SCIENTIFIC FRENCH.

French is a required study in the Modern Language Course through the Freshman and Sophomore years: Courses 1 and 2 for students who offered German at entrance, Courses 3 and 4 for those who offered French.

- 1. ELEMEMENTARY COURSE. French Primer, Elementary Grammar, Reader; Translation of standard modern prose: L'Abbe Constantin (Halevy), La Famille de Germandre (Sand), Le Mariage de Gerard (Theuriet), or Le Roi des Montagnes (About). Five hours a week through the year.
- Modern Prose and Poetry. Advanced Grammar and Composition, Le Roman d'un Jeune Homme Pauvre, Pecheur d'Islande (Loti), French Lyrics (Bowen). Sight Reading. Re-

quired in Sophomore Latin-Scientific Course of students who offered German at entrance. Elective for Junior Classical Course. Four hours a week through the year.

- 3. HISTORY AND COMPOSITION. Jeanne Darc (Henri Martin), Colomba (Merimee), La Derniere Classe and Salvette et Bernadon (Daudet), Le Cure de Tours (Balzac), Mlle. de la Seigliere (Sandeau), Le Misanthrope (Moliere), Composition based on Le Siege de Berlin (Daudet), Peppino and L'Abbe Constantin. Elective for Juniors and Seniors who have taken Course 2. Three hours a week through the year.
- 4. FRENOH LITERATURE OF NINETEENTH CENTURY. History of French Literature, the Romantic French Drama, Essays, Le Siecle de Louis Quatorze (Voltaire), Collateral Reading. Elective for Seniors who have taken Course 3. Three hours a week through the year.
- 5. MOYEN AGE ET RENAISSANCE. History of French Literature from the Eleventh Century through the Sixteenth; Reading, Essays. Elective for Junior Modern Language Course. Must be preceded by Course 4. Two hours a week through the year.
- 6. SEVENTEENTH AND EIGHTEENTH CENTURY LITERATURE. Choix de Texti de l'Ancien Francais (Anbertin). Lectures and discussions. Elective for Senior Modern Language Course. Two hours a week through the year.
- Scientific French. A course of reading. Elective for Latin-Scientific Junior Course. Three hours a week the first term.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR BEACH.

REQUIRED.

- English History. Three hours, first, second and third terms;
 Freshmen.
- 2. POLITICAL HISTORY OF THE UNITED STATES: 1783-1861. Three hours, first and second terms; Sophomores.
- 3. HISTORY OF THE MIDDLE AGES. Three hours, third term; Sophomores.

ELECTIVE.

Open to Juniors and Seniors.

- 4. THE RENAISSANCE AND THE PROTESTANT REFORMATION. Three hours, first term.
- 5. Modern European History from 1789. Three hours, second and third terms.
- 6. Social and Economic History of England during the 19th Century. Three hours, third term.

In Course 1 the more significant periods and movements are selected to illustrate the development of English institutions and life. They are connected by a brief outline of intervening events so as to form a continuous sketch of English History. Ransome's History of England is used as a text, and readings are assigned in various works to be found in the College Library.

The aim of Course 2 is to make the student familiar with the general course of the political history of our country, including such subjects as the adoption of the Constitution, the rise of political parties, slavery, etc. Either Hart's Formation of the Union or Walker's Making of the Nation, and Wilson's Division and Reunion are used as texts. Parallel readings are also assigned in the works of Schouler, Hildreth, McMaster, Adams, Rhoads, etc. In connection with the history of the adoption of the Constitution a short study is made of our forms of government, local and Federal, and comparison is drawn with other constitutional governments. For this part of the course reference is made to the works of Wilson, Burgess, Brice, etc.

In Course 3 the decline of Roman civilization is described, the growth of the Christian church, the foundation of European States, feudalism, the Crusades, and the Holy Roman Empire. The textbooks are Emerton's Introduction to the Middle Ages, and the same author's Mediaeval Europe.

The intellectual and social significance of the Renaissance is first described in Course 4. Luther and the Reformation in Germany, the Catholic reaction, and the English Reformation and Puritanism are the subjects studied in the remainder of the course. A large amount of reading is required.

Course 5 begins with a study of the Old Regime in France and the

history of the Revolution to the establishment of the Republic. The work of the Winter term closes with the history of the Napoleonic wars. In the Spring term a brief sketch is given of the great political movements of Europe from 1815 to the present.

Course 6 is a study of the social and economic life of England during the present century. A general knowledge, on the part of the student, of the political events of the period is presupposed.

MATHEMATICS AND ASTRONOMY

PROFESSOR MCKINNEY

MATHEMATICS.

Required Courses.

Solid Geometry, first term. HIGHER ALGEBRA, second term. PLANE AND SPHERICAL TRIGONOMETRY, third term.

Elective Courses for Sophomore, Junior, Senior Years:

First Term.

Second term.

- 1. Conic Sections.
- 2. CALCULUS.
- 3. THEORY OF EQUATIONS.
- ASTRONOMY.

- 5. CONIC SECTIONS AND SOLID AN-ALYTICAL GEOMETRY.
- 6. ASTRONOMY.
- 4. PRACTICAL AND SPHERICAL 7. DIFFERENTIAL EQUATIONS.
 - PRACTICAL AND SPHERICAL AS-8. TRONOMY.

Third Term.

- 9. CALCULUS.
- 10. ADVANCED CALCULUS.
- GENERAL ASTRONOMY. 11.
- 12 THEORETICAL ASTRONOMY.

SOLID GEOMETRY. The first term of the Freshman year is devoted to the study of Solid Geometry. The course is a continuation of the work of the last year in the Academy. Stress is laid upon original work, and many exercises for demonstration are given. Well's Plane and Solid Geometry is used for the text. Continual reference is made to the works of other authors.

ALGEBRA. Algebra is studied in the second term of the Freshman year. The subjects vary slightly from year to year. In the year 1894-5 they were Properties of Quadratics, Ratio and Proportion, Arithmetic and Geometric Progressions, Convergency of Series, Undetermined Coefficients, Binomial Theorem, Logarithms, Probabilities, Exponential and Logarithmic Series, Theory of Equations, Determinants. Wells' College Algebra is used for a text, with references to the Algebras of Charles Smith, Hall and Knight and Chrystal. Opportunity for special work is given to those who may desire to do more than the required course.

PLANE AND SPHERICAL TRIGONOMETRY. The Freshman study Plane and Spherical Trigonometry in the third term. The course includes the fundamental formulae and the solution of triangles. In Plane Trigonometry practice is given with the Theodolite in the measurements of heights and distances. Spherical Trigonometry finds immediate use in its application to the astronomical triangle for the determination of time, latitude, declination, altitude, azimuth. This course is continued into the next term for those who elect mathematics.

After the Freshman year, Mathematics becomes an elective. The courses in the elective work are planned to give the student knowledge of the fundamental principles of the subject in hand and considerable facility in their application. They are designed also to prepare for advanced special work in analysis.

ANALYTICAL GEOMETRY. The course in Analytical Geometry is based on C. Smith's Conic Sections and Solid Geometry and is sufficient to meet the requirement of the more advanced courses. The course in Calculus in the Sophomore and Junior years is the equivalent of Osborne's Calculus with occasional lectures on special topics and additional applications to Geometry and Mechanics.

DETERMINANTS AND THEORY OF EQUATIONS. In Course 3 embracing Determinants and the Theory of Equations the Treatise of Burnside and Panton is followed. To students having taken Course 3 an introductory course in the Theory of Invariants is open as a substitute for Differential Equations.

Course 10 is open to those who have taken the Mathematics of the Engineering Course. In this course Williamson's Calculus is used.

ASTRONOMY.

ASTRONOMY. The third term of the Junior year is given to the study of Astronomy. The principles involved in an understanding of the telescope, sextant, transit and spectroscope; problems of time, latitude and longitude; orbits and perturbations are taken up and investigated in an elementary manner. Together with this is the study of a text-book, Young's General Astronomy being used. The object is to acquaint the student with the methods and instruments by which our knowledge of the sun, planets and stars has been advanced and to give her a resume of the facts known respecting the nature and physical condition of these bodies, their distribution and relative distances. The Observatory is available as an auxilliary to this work. It is equipped with a 61/2 inch Refractor by Byrne, a Siderial Clock by Kessels, a Spectroscope by Fauth, and a Position Micrometer by Brashear. The student is expected to become familiar with the telescopic appearance of the sun, moon, larger planets, and the more important nebulae and star-clusters, and to be able to set the telescope upon an object and to take measurements with the micrometer

RHETORIC AND ENGLISH LITERATURE.

MISS ANDERSON.

- 1. VERSIFICATION.
- 2. PRACTICAL RHETORIC.
- 3. English Poetry of the Nineteenth Century.
- 4. ENGLISH PROSE OF THE NINETEENTH CENTURY.
- 5. HISTORY OF ENGLISH LITERATURE.

II. ELECTIVE.

- 6. THE ELIZABETHAN DRAMA.
- 7. THE NOVEL.

8. MILTON.

- 9. Lyric and Elegiac Poetry.
- PRACTICAL RHETORIC. General principles of Rhetoric with constant practice in composition. Three hours a week first and second terms Freshman year. In the third term students in

- Modern Language Course are allowed three additional hours for special reading.
- 2. Versification. Study of the different forms of Poetry with illustrative readings from various authors. A text-book is used. Three hours a week last term Freshman year.
- 3. ENGLISH POETRY OF THE NINETEENTH CENTURY. Romantic and Realistic school. Studies in Scott, Wordsworth, Coleridge, Keats, Shelley, Tennyson, Browning, and American poets. Themes and reading of typical selections. No text-book. Three hours a week first term Sophomore year.
- 4. English Prose of the Nineteenth Century. The Essay will receive especial attention. Studies in De Quincey, Lamb, Macaulay, Carlyle, Ruskin and Arnold. No text-book. Three hours a week second term Sophomore year.
- 5. HISTORICAL INTRODUCTION TO ENGLISH LITERATURE. An Elementary text-book will be used, with references to Taine, Morley, Ten Brink, and others. Three hours a week third term Sophomore year.
- 6. THE ELIZABETHAN DRAMA. The rise of the English Drama; Shakespeare's relation to his contemporaries; Merchant of Venice, Macbeth, with rapid readings of other plays. Three hours a week Junior and Senior years.
- THE NOVEL. Masson's British Novelists will be used as a basis, and readings from the novelists will be assigned to different members of the class. Three hours a week Junior and Senior years.
- 8. Milton. Paradise Lost, Lycidas, Comus, and shorter poems.
 Three hours a week Junior and Senior years.
- 9. Lyric and Elegiac Poetry. A study of examples from Tennyson, Shelley, Browning, Milton, and Gray. Three hours a week Junior and Senior years.

BIOLOGY.

PROFESSOR BISCOE.

REQUIRED.

FRESHMAN: Course 1. Third term. Sophomore: Course 4. First term.

ELECTIVE.

SOPHOMORE: Course 2. Second Term.

Course 5. Scientific. Third term.

JUNIOR: Course 3. First term.

Course 6. Second and third terms.

SENIOR: Course 7. First term.

Course 8. Second term. Course 9. Third term.

The course in Biology extends through four years, and, in addition to its general educational discipline, is especially designed for students who are looking forward to the Medical profession, for those expecting to teach Science in High Schools or Academies, and for such as may make a specialty of Biological Science. Attention is given to the problems of both vegetable and animal life, and the studies are so arranged that a student can largely devote her time and strength to either of these grand subdivisions of Biological Science, as she may prefer.

- Botany. General description of the structure and function of the parts of common plants. Analysis of plants. Text-book, Grey's School and Field Book of Botany. Preparation of Herbarium of fifty species.
- Histology. Histological study of cell structure and arrangement as exhibited in the tissues of the higher plants. Mainly laboratory work with the compound microscope.
- Botany. Cryptogamic Botany. Morphology and classification of the Algæ, Fungi, Mosses and Ferns. Collection preservation of Mosses and Ferns. Open to those who have taken Course 2.

- 4. Physiology. Human Physiology. Text-book, Martin's Human Body. Besides the work in the class room the study will be pursued on its practical side under the care of the Director of the Gymnasium, who will in general act as demonstrator of Anatomy, providing dissection from animal organs illustrative of the text.
- 5. ANATOMY. Gross Anatomy of the Mammalia. Special study of the arrangement and form of the bones of the skeleton and the location and attachment of the muscles. Also the gross anatomy of the viscera. This course given by the demonstrator of Anatomy.
- 6. Histology. Histology of animal tissues. Special study of the organs of digestion. Practice in the preparation and mounting of tissues in permanent form for microscopical study. The course includes method of hardening, staining and sectioning of the various animal tissues. Open to those who have taken Course 2.
- 7. Morphology. Morphology of groups of Invertebrate life, for their minute life, for their minute anatomy, and for the study of their natural classification. Open to those who have had Courses 2 and 3.
- 8. Nervous System. Central Nervous System. Examination of Brain and Spinal Chord in fishes, reptiles and birds. Open to those who have taken Courses 2 and 3.
- 9. Embryology of Chick. Open to those who have had Course 8.

CHEMISTRY.

PROFESSOR MONFORT.

ELECTIVE.

JUNIOR: GENERAL CHEMISTRY. SENIOR: QUALITATIVE ANALYSIS.

Chemistry is elective through the Junior and Senior years.

1. General Chemistry. An introduction to chemical principles

and methods. Recitations, lectures and laboratory work, affording a thorough consideration of the chemical elements and their important compounds, with practice in the preparation and purification of inorganic substances. Through the year. Lectures and recitations, Tuesday, 11 to 12. Laboratory, Thursday and Friday, 1:30 to 4.

- 2. QUALITATIVE ANALYSIS. The work, outlined in occasional lectures, consists of the study of reactions involved in the separation and identification of the more important bases and acids, and practice in analysis of simple and mixed salts, alloys, minerals. Laboratory, Tuesday and Wednesday afternoon. Through the year.
- 3. QUANTITATIVE ANALYSIS. In connection with Course 2, individual work in quantitative analysis will be assigned, if desired, during the latter half of the year. Opportunity is afforded the student to familiarize herself with the general methods and manipulations of gravimetric and volumetric analysis. Laboratory, Tuesday and Wednesday afternoon.
- 4. Organic Chemistry. An introduction to the general subject of the chemistry of the carbon compounds is given in a series of lectures to those taking Course 2.

A charge is made for material consumed by the student in laboratory courses; apparatus is loaned by the institution, and actual breakage charged to the student's account. To cover these items, a deposit is made at the beginning of the course, and whatever balance remains is returned when the account is closed. The amount of the deposit for Courses 1 and 2 is \$12. For other courses the amount will vary with the character and amount of the work.

PHYSICS.

PROFESSOR SHEDD.

Sophomore: Course I. General Theory.

Junior: Course II. Laboratory Physics.

COURSE I. GENERAL THEORY. Three hours per week throughout

the year. Required of all Sophomores. The course will be accompanied by examples and lecture table experiments.

Those desiring to become proficient in the study are advised to elect Mathematics in Freshman year.

First term: Theory of Heat.

Second term: Theory of Light.

Third term: Theory of Electricity and Magnetism.

COURE II. LABORATORY PHYSICS. Three hours per week, one hour being taken by recitation or lecture, two afternoons being spent in the laboratory work. Open to all who have taken Course I and may be begun the second term of the same year in which Course I is taken. This course gives individual experiments in Mechanics, Heat, Sound, Light and Electricity.

HONORS.

SECOND-YEAR HONORS.

At the end of the Sophomore year honors of two grades; "Honors," and "Highest Honors," will be awarded in all departments to students who have shown marked excellence in the work of the Freshman and Sophomore years, and who have passed with credit a special examination, the character of which will be fully explained by the instructors under whom the examinations are given.

HONORS AT GRADUATION.

Honors of two grades are awarded at Commencement for special proficiency in any of the following subjects: Latin, Greek, Mathematics, History and Political Science, Literature, Science, and Philosophy.

The requirements for honors in each subject are:

- 1. Second-Year Honors or an equivalent standing in studies where honors are not offered.
- 2. Excellence in all required work of the department as represented by a percentage of eighty-five for "honors" and ninety for "highest honors."

- 3. Elective and special work, the amount and character of which will be announced by the Professor in the department in which the honor is sought.
- 4. The presentation of a written Thesis on a prescribed, or approved, subject.
- 5. An examination immediately following the completion of the assigned work.

No student will be allowed to take honors in one department whose standing in any other department shall be so low as to indicate deliberate neglect of the studies of that department.

CERTIFICATES.—Successful candidates for honors will receive from the Faculty, a certificate, signed by the President and Professor in charge of the department in which the honors are given, stating the grade of honors and the grounds on which they were conferred.

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UNDER-GRADUATE STUDIES IN

FRESHMAN YEAR.

CLASSICAL.

LATIN-SCIENTIFIC.

TERMS.

LATIN: (3)-Livy: Review of the Grammar: Roman History: Prose Composition: Sight Reading from Nepos.

GREEK: (3)-Attic Orators Selections. MATHEMATICS: (3) -Wentworth's Higher Algebra, from Quadratic Equations. Or

A Modern Language: (3).

ENGLISH: (3) Practical Rhetoric. Compositions and Declamations

HISTORY: (3)-English History.

II. Latin: (3)—Livy; Cicero de Senectute; Nepos; Roman Antiquities; Word Formation.

GREEK: (3)-Orators; Homer, Odyssey. MATHEMATICS: (3)—Wilson's Solid Geometry and the Parabola. Or

A MODERN LANGUAGE: (3). ENGLISH:

(3)-Practical Rhetoric. HISTORY: (3)-English History.

III. LATIN: (3)-Cicero.

BIOLOGY: (3)—Gray: Analysis of Plants.

GREEK: (3)—Homer, Odyssey. MATHEMATICS: (3)-Plane and Spherical Trigonometry. Or

A MODERN LANGUAGE: (3).

ENGLISH: (3)-Practical Rhetoric.

LATIN: (3)—Livy; Review of the Gram-mar; Roman History: Prose Composition; Sight Reading from Nepos.

PHYSIOLOGY: (3).

MATHEMATICS: (3)—Wentworth's Higher Algebra, from Quadratic Equations.

A MODERN LANGUAGE: (3).

ENGLISH: (3)-Practical Rhetoric; Com positions and Declamations.

HISTORY: (3)-English History.

Latin: (3)—Livy; Cicero de Senectute: Nepos; Roman Antiquities; Word Formation.

PHYSIOLOGY: (3).

MATHEMATICS: (3)—Wilson's Solid Geometry and the Parabola. Or

A Modern Language: (3).

ENGLISH: (3)-Practical Rhetoric.

HISTORY: (3)-English History.

LATIN: (3)-Cicero.

BIOLOGY: (3) - Gray; Analysis of Plants.

HISTORY: (3)-English History.

MATHEMATICS: (3)—Plane and Spherical Trigonometry. Or

A Modern Language: (3). ENGLISH: (3)-Practical Rhetoric.

Titles in SMALL CAPS designate departments of instruction, and numerals in parenthesis the number of exercises per week.

FRESHMAN YEAR.

MODERN LANGUAGE.

I. FRENCH: (3)-History and Composition, or Elementary Course.

GERMAN: (3)-History and Composition.

MATHEMATICS: (3)-Wells' Higher Algebra, from Quadratic Equations.

Physiology (3)-Martin's Human Body. Advanced Course

English: (3)—Practical Rhetoric; Compositions and Declamations.

HISTORY: (3)-English History.

II. FRENCH: (3)-History and Composition, or Elementary Course.

GERMAN: (3)-History and Composition.

MATHEMATICS: (3)-Wilson's Solid Geometry and the Parabola. Or

Physiology: (3)-Martin's Human Body and Hygiene.

ENGLISH: (3)-Practical Rhetoric: Compositions and Declamations.

HISTORY: (3)-English History.

III. FRENCH: (3)—History and Composition, or Elementary Course.
GERMAN: (3)—History and Composition, or Elementary Course.

MATHEMATICS: (3)-Plane and Spherical Trigonometry. Or

BOTANY: (3)-Cryptogamic Botany.

English: (3)-Practical Rhetoric; Compositions and Declamations.

HISTORY: (3)-English History.

SOPHOMORE YEAR.

CLASSICAL.

LATIN-SCIENTIFIC.

TERMS.

| I. | Latin: (3)—Horace; Odes, Synonyms; Latin Literature; Written transla- tions. | Latin: (3)—Horace; Odes, Synonyms; Latin Literature; Written transla- tions. |
|------|--|---|
| | GREEK: (3) - Thucydides, I and II. | FRENCH: (3) - Modern Prose and Poetry. |
| | MATHEMATICS: (3)—Smith's Conic Sections. Or | MATHEMATICS: (3)—Smith's Conic Sections. Or |
| | FHYSICS: (3) - Theory of Heat. | Physics: (3)—Theory of Heat. |
| | English: (3)—American Literature. | English: (3)—American Literature. |
| | GERMAN: (3)—Grammar and Reading. | HISTORY: (3)—Political. U. S. 1783 to 1861. |
| II. | Latin: (3)-Horace; Satires and Epistles; Romen Life. | LATIN: (3)—Horace; Satires and Epistles; Foman Life. |
| | GREEK: (3)—Euripides; History of Literature. | FRENCH: (3)-Modern Prose and Poetry. |
| | GERMAN: (3)—Grammar and Reading. | HISTORY: (3)—Political. U. S. 1783 to 1861. |
| | MATHEMATICS: (3)—Smith's Conic Sections: Solid Geometry begun. Or | MATHEMATICS: (3)-Smith's Conic Sections; Solid Geometry begun. Or |
| | PHYSICS: (4) - Theory of Light. | Physics: (3)—Theory of Light. |
| | English: (3)—Poetry of Nineteenth Century. | $\begin{array}{ll} \textbf{EngLish:} & \textbf{(3)} - \textbf{Poetry of Nineteenth Century.} \end{array}$ |
| III. | LATIN: (3)—Plautus, Captivi, Rudens; History of Roman Comedy. | LATIN: (3)—Plautus; Captivi, Rudens; History of Roman Comedy. |
| | GREEK: (3)-Plato, Protagoras. | HISTORY: (3)Middle Ages. |
| | GERMAN: (3)—Grammar and Reading. | FRENCH: (3)Modern Prose and Poetry. |
| | MATHEMATICS: (3)-Taylor's Calculus. Or | MATHEMATICS: (3)—Taylor's Calculus. Or |
| | Physics: (3)—Theory of Electricity and Magnetism. | Physics: (3) - Theory of Electricity and Magnetism. |

 $\begin{array}{ll} \textbf{EngLish:} & (3) - \textbf{Prose of Nineteenth} & \textbf{EngLish:} & (3) - \textbf{Prose of Nineteenth Century.} \\ \end{array}$

SOPHOMORE YEAR.

MODERN LANGUAGE.

 FRENCH: (3)—Nineteenth Century Literature, or Modern Prose and Poetry.

GERMAN: (3)-History of German Literature, or Classics.

Physics: (3)—Theory of Heat.
English: (3)—American Literature.

HISTORY: (3)-Political. U.S. 1783 to 1861.

II. FRENCH: (3)-Nineteenth Century Literature or Modern Prose and Poetry.

GERMAN: (3)—History of German Literature, or Classics.

HISTORY: (3)-Political. U.S. 1783 to 1861.

PHYSICS: (3;-Theory of Light.

ENGLISH: (3)-Poetry of the Nineteenth Century.

III. FRENCH: (3)--Nineteenth Century Literature, or Modern Prose and Poetry.

GERMAN: (3)-History of German Literature, or Classics.

PHYSICS: (3)-Theory of Electricity and Magnetism.

HISTORY: (3)-The Middle Ages.

ENGLISH: (3)-Nineteenth Century Prose.

JUNIOR YEAR.

CLASSICAL.

LATIN-SCIENTIFIC.

TERMS.

Logic (3)-First half term. Psychology: (3)—Second half term. English: (3)—Literature.

Elective.

GERMAN: Classics. FRENCH: Modern Prose and Poetry. LATIN: Horace: Ars Poetica; Tacitus.

GREEK: History of Greek Philosophy. MATHEMATICS: Calculus

HISTORY: Renaissance and The Reformation.

POLITICAL ECONOMY. BIOLOGY.

PHYSICS: COURSE II.

CHEMISTRY: General Chemistry.

II. PSYCHOLOGY: (3). ENGLISH: (3)—Lyric Poetry.

Elective.

GERMAN: Classics
FRENCH: Modern Prose and Poetry.
LATIN: Philosophical or Historical.
GREEK: Archeology.
MATHEMATICS: Analytical Mechan-

ics. HISTORY: Modern Europe. POLITICAL ECONOMY:

BIOLOGY. PHYSICS: COURSE II. Continued. CHEMISTRY: General Chemistry.

III. ENGLISH: (3).

Elective.

GERMAN: Classics
FRENCH: Modern Prose and Poetry.
LATIN: Work of preceding term continued.

GREEK: Archaeology.
MATHEMATICS: Analytical Mechanica

HISTORY: Modern Europe. POLITICAL ECONOMY. PHYSICS: COURSE II. Continued.

BIOLOGY. CHEMISTRY: General Chemistry. PHILOSOPHY III.

Logic: (3)—First half term.
Psychology: (3)—Second half term.
English: (3)—History of Literature.

Elective.

GERMAN: Historical
FRENCH: History and Composition.
LATIN: Horace: Ars Poetica; Tacitus
GREEK: History of Greek Philosophy.
MATHEMATICS: Calculus.

HISTORY: Renaissance and The Refor-

mation. POLITICAL ECONOMY. BIOLOGY.

PHYSICS: COURSE II.

CHEMISTRY: General Chemistry.

PSYCHOLOGY: (3). ENGLISH: (3)—Lyric Poetry.

Elective.

GERMAN: Historical. FRENCH: History and Composition.

LATIN: Pallosophical or Historical

GREEK: Archæology. MATHEMATICS: Analytical Mechanics.

HISTORY: Modern Europe. POLITICAL ECONOMY. BIOLOGY.

CHEMISTRY: General Chemistry PHYSICS: COURSE II. Continued.

ENGLISH: (3).

Elective.

GERMAN: Historical.
FRENCH: History and Composition.
LATIN: Work of preceding term continued.

GREEK: Archæology. POLITICAL ECONOMY. HISTORY: Modern Europe. PHILOSOPHY III.

ASTRONOMY: Practical and Spherical. PURE MATHEMATICS: Differential Equations.

CHEMISTRY: General Chemistry. BIOLOGY.

PHYSICS: COURSE II. Continued.

4

JUNIOR YEAR.

MODERN LANGUAGE.

I.

Logic: (3)—First half term.
PSYCHOLOGY: (3)—Second half term.
ENGLISH: (3)—History of Literature.

Elective.

FRENCH: Moyen Age et Renaissance, or History and Composition. GERMAN: Modern Authors, or Historical.

POLITICAL ECONOMY.

POLITICAL ECONOMY:
HISTORY: The Renaissance and the Reformation.
ASTRONOMY: Practical and Spherical
PURE MATHEMATICS: Theory of Equations.
GREEK: History of Greek Philosophy.
BIOLOGY: Normal Histology.
PHYSICS: COURSE II.

CHEMISTRY: General Chemistry.

II. PSYCHOLOGY: (3). ENGLISH: (3)—Lyric Poetry.

Elective.

FRENCH: Moyen Age et Renaissance, or History and Composition. German: Modern Authors, or Historical.

ARCH. EOLOGY.

POLITICAL ECONOMY.

FOLTICAL ECONOMY.
HISTORY: Modern Europe.
ASTRONOMY: Theoretical Astronomy.
PURE MATHEMATICS: Differential Equations.
PHYSICS: COURSE II. Continued.
BIOLOGY: Embryology.
CHEMISTRY: General Chemistry.

III. ENGLISH: (3).

Elective.

FRENCH: Woyen Age et Renaissance, or History and Composition. GERMAN: Modern Authors, or Historical.

POLITICAL ECONOMY.

ARCH.EOLOGY

ASTRONOMY: Practical and Spherical.

ASTRONOMY: Practical and Spherical.
PURE MATHEMATICS: Advanced Calculus.
HISTNRY: Modern Europ.
BIOLOGY: Selected Specimens of Invertebrates.
PHYSIGS: COURSE II. Con inued.
CHEMISTRY: General Chemistry.

SENIOR YEAR.

CLASSCAL.

LATIN-SCIENTIFIC.

TERMS.

EVIDENCES OF CHRISTIANITY: (3),

SOCIOLOGY: (3). PHILOSOPHY: (3).

Elective.

ENGLISH: History of Literature. LATIN: Cicero De Oratore. HISTORY: Greek Philosophy. HISTORY: The Renaissance and the

Reformation.

GERMAN: Historical.
FRENCH: History and Composition.
MATHEMATICS: Theory of Equations.
CHEMISTRY: Qualitative Analysis.

II. LIFE OF CHRIST: (3). SOCIOLOGY: (3).

Elective.

ENGLISH: Lyric Poetry. LATIN: Lucretius or Seneca. ARCH EOLOGY.

ARCH-EOLOGY.

HISTORY: Modern Europe.
GERMAN: Historical,
FRENCH: History and Composition.
MATHEMATICS: Different'l Equations.
PHILOSOPHY: Advanced Ethics.
CHEMISTRY: Qualitative Analysis.
MINERALOGY.

MINERALOGY.

ARCH-EOLOGY.

HISTORY: Modern Europe.
GERMAN: History of GERMAN:

HISTORY OF ART.

III. CHRISTIAN ETHICS: (3). SOCIOLOGY: (3).

Elective.

ENGLISH: Elizabethan Drama. PHILOLOGY: Whitney's I Growth of Language.
HISTORY: Modern Europe. and Life HISTORY OF MODERN PHILOSOPHY. PHILOSOPHY: Theories of Society. ARCHÆOLOGY. ARCHARDIOUT LATIN: Philosophical or Literary, GERMAN: Historical. FRENCH: History and Composition, MATHEMATICS: Calculus.

GEOLOGY:

CHEMISTRY: Qualitative Analysis.

EVIDENCES OF CHRISTIANITY: (3).

SOCIOLOGY: (3). PHILOSOPHY: (3).

Elective.

ENGLISH: History of Literature. LATIN: Cicero De Oratore. HISTORY: Greek Philosophy. HISTORY: The Renaissance and the Ref-

ormation. GERMAN: History German Literature. FRENCH: COURSE IV or III. MATHEMATICS: Theory of Equations.

CHEMISTRY: Qualitative Analysis.

LIFE OF CHRIST: (3). SOCIOLOGY: (3).

Elective.

ENGLISH: Lyric Poetry. LATIN: Lucretius or Seneca.

ARCHÆOLOGY.

CHEMISTRY: Qualitative Analysis.

CHRISTIAN ETHICS: (3) SOCIOLOGY: (3).

Elective

ENGLISH: Elizabethan Drama. PHILOLOGY: Whitney's Life and Growth of Language. HISTORY: Modern Europe.

PHILOSOPHY: Theories of Society.

ARCH EOLOGY HISTORY OF MODERN PHILOSOPHY. LATIN: Philosophical or Literary

GERMAN: History of German Literature. FRENCH: COURSE IV or III.

MATHEMATICS: Analytical Geometry. CHEMISTRY: Qualitative Analysis.

SENIOR YEAR.

MODERN LANGUAGE.

T. EVIDENCES OF CHRISTIANITY: (3).

SOCIOLOGY: (3).
PHILOSOPHY: (3)—Ethics of

Elective.

ENGLISH: History of Literature, LATIN: Cicero De Oratore. HISTORY OF GREEK PHILOSOPHY.

HISTORY: The Renaissance and the Reformation.
GERMAN: The Study of Goethe, or the Historical.
FRENCH: COURSES III, IV, V or VI.

ART. MUSIC

CHEMISTRY: Qualitative Analysis. Separation of Metals from Solution. BIOLOGY.

II. LIFE OF CHRIST: (3). SOCIOLOGY: (3).

Elective.

ENGLISH: Lyric Poetry

LATIN: Lucretius or Seneca. HISTORY OF GREEK PHILOSOPHY.

HISTORY: Modern Europe.
GERMAN: The Study of Goethe, or the Historical.
FRENCH: COURSES III, IV. V or VI.
PHILOSOPHY: Advanced Ethics.

MINERALOGY.

ART. MUSIC.

CHEMISTRY: Qualitative Analysis. Analysis of Simple Mixed Salts.

III. CHRISTIAN ETHICS: (3).

Elective.

English: Elizabethan Drama.

PHILOLOGY: Whitney's Life and Growth of Language.

GEOLOGY: ARCH EOLOGY.

ARCHEOLOGY,
HISTORY OF MODERN PHILOSOPHY.
HISTORY: Modern Europe.
PHILOSOPHY: Theories of Society.
ENGLISH SOCIAL HISTORY OF THE 19TH CENTURY.

SOCIOLOGY.

GERMAN: The Study of Goethe, or the Historical.

FRENCH: COURSES III, IV, V or VI.

ART. MUSIC

CHEMISTRY: Qualitative Analysis. Analysis of Minerals.

ART AND MUSIC.

The departments of Art and Music have been arranged so as to accommodate both the students who are doing regular College work and those who are engaged in the exclusive pursuit of these studies. All Art and Musical studies are offered in courses parallel with the other courses required for a degree, partly to give unity and completeness to the work done in these departments and partly to make these studies available for all regular students desiring to take Teachers of experience and ample equipment have been provided for carrying forward the Art and Musical work with the same thoroughness and efficiency which characterize all the regular instruction in the College. All the facilities needful for high grade work have been supplied and students are expected to apply themselves earnestly and faithfully. This expectation is based on our belief that the mastery of the principles of Art and Music are not only essential to the best results in College work, but that it gives an added interest to the occupations of after life Our courses are designed to furnish thorough instruction in technical work and at the same time give the students such a comprehensive view of Art and Music as shall enable them to appreciate both the finest artistic and musical creations.

ART.

MISS BLAYNEY.

- Drawing from geometrical solids. Outline studies from stilllife, shaded studies from still-life. Study of Perspectives, Definitions, Rules. Lives of Great Artists.
- Drawing from blocked features, from casts of hands and feet, from casts of detached features. History of Art, Architecture, Sculpture and Painting.
- 3. Drawing from detached features and casts. Perspective, parallel

and oblique problems. History of Artists, ancient and modern, their work and style.

 Drawing from casts and blocked heads. Egyptian Art. Greek Architecture and Sculpture. Roman Architecture and Sculpture.

Papers will be required from time to time on subjects relating to Art and Artists.

For elective courses in Architecture and Archaeology see department of Greek.

PRIVATE CLASSES.

In private classes instruction is given in painting in oil and water colors, in erayon and pastel from still-life, casts and from good studies or sketches, also painting on china. Wood carving is taught in its various styles; surface work, intaglio and relief, in natural, conventional and the Renaissance designs.

MUSIC.

MRS. METCALF.

PIANO FORTE

The course in this department is for convenience divided into four grades. So much depends upon the qualifications of the individual pupil, and the amount of time devoted to practice, that it cannot be definitely stated how long a time would be required to complete the course or any of its divisions.

It is not expected that any one student shall take everything laid down in the course, but selections and additions are made to suit individual cases.

First Grade: Etudes. Kohler ops. 50-151. Czerny op. 100. Gurlitt op. 141. Berens. Loeschorn easy Melodic studies. Bertini op. 100. Duvernoy Ecole de Mecanism.

Sonatines and Rondos by Lichner, Clementi, Dussek, Beethoven's Little Variations. Diabelli's Duetts. Selected pieces by Modern Composers.

SECOND GRADE: Etudes-Loeschorn. Progressive Studies. Krause

Trill Studies. Czerny and Berens Velocite Studies. Schytte op. 58. Heller op. 47.

Sonatines Kuhlau. Sonates by Haydn. Mozart. Beethoven's Rondo in C. Mendelssohn's Song without Words.

THIRD GRADE: Etudes by Czerny. Heller ops. 46-45. Loeschorn. Rythmical Problems. Le Couppey. Cramer 1st book. Kohler's Octave School. Mendelssohn's Songs without Words. Schubert 1mpromptus. Selections from Schumann and Chopin. Beethoven Sonatas

FOURTH GRADE: Etudes Chamer. Clementi's Gradus. Studies by Henselt, Jensen, Moscheles and other advanced work. Kullak's Octave School. Beethoven Sonatas. Mendelssohn's Concertos. Schumann Carneval. Faschinschwank.

Chopin-Polonaises, Impromptus, Ballades.

Technical exercises by Plaidy, Herz, Mason, Turner and other authorities, including scales and chords in all forms are used throughout the entire course at the discretion of the teacher. And in addition to the works already mentioned great pains are taken in selecting a variety of salon pieces by modern composers, for solos, duetts, and two pianos. Students who desire it may also receive instruction upon the organ.

VOCAL MUSIC.

MISS BURLL.

In the vocal department unusual care is devoted to the physical development of the throat, to an early understanding of the true nature of lyrical music, to rapid and comprehensive sight-reading, and to phrasing. It is very important that the vocalist should understand the nature of her voice and the kind of music best suited to it; but it is equally important that the temperamental and imaginative side of the student should be fed and encouraged by a knowledge of all forms of vocal music. The solo, the duet, the trio, the quartette, sextette and chorus are all parts of an interdependent system, and a thorough knowledge of the whole is necessary to a full knowledge of any single part. This is the key to the teaching in this department; The highest technical drill is combined with a

constant effort to arouse the musical consciousness and personality of the pupil.

The method employed for placing the voice and for ensuring symmetrical tone production is that of the famous Professor Delle Ledie, of Paris, and is designed to secure such physical and voice culture and orderly mental development of the pupils as will equip them for the choir or the concert.

The daily exercises are almost entirely identical with those of Professor Baex, of the National Conservatory, in Paris, but other exercises are used as the personal requirements of the pupils make them necessary.

EXAMINATIONS, COMMENCEMENT.

EXAMINATIONS.

Examinations are held at the close of each term or upon the completion of definite portions of the work in the different departments. No student whose term grade has fallen below fifty per cent. in any study will be admitted to the regular examination in that study. Students thus excluded from examination and those who fail to reach a grade of at least sixty per cent. at regular examinations, will be placed on the list of delinquent students.

Any student who is deficient in three or more studies at the beginning of any term will not be allowed to continue the studies of h erclass. A student may remove deficiencies by special examinations at such times and under such conditions as her instructor may require; but all deficiencies must be made up within six months from date of failure. Usually such examinations will be held at the opening of the term after special review of the subject by the delinquent student.

CHAPEL AND CHURCH ATTENDANCE.

All students are required to be present at the devotional services held each forenoon at 9:45. Absence from this exercise is permitted only for sickness or when exceptional reasons have been presented.

All students are also required to attend divine service in some one of the city churches, each one reporting to the Dean at the beginning of the year, the church chosen by herself, parents, or guardian.

COLLEGE WORK.

The amount of study and class room work required of each student is sufficient to keep her occupied every day from the beginning

to the close of the College year. This being the case, it is plain that absence for any reason whatever is a serious loss to the student, and cannot be permitted except in unavoidable instances.

Members of the Senior and Junior classes whose unexcused absences exceed eight, and members of the Sophomore and Freshman classes whose unexcused absences exceed six, in any one term, are subject to discipline.

These absences, however, must not occur at the beginning, or near the end of the term, nor can there be two consecutive absences in any one study; and in no case shall such absences excuse the student from examination upon the omitted lessons.

Members of any class whose excused absences exceed ten in any one term are likewise subjects of discipline; but this number does not include absences occurring under the following conditions: (1) Absence on account of serious illness and excused upon physician's certificate. (2) Absence from the city for one or more days when previously excused. (3) Absence for causes over which the student herself has no control.

RECORD OF PROGRESS IN STUDIES.

A very careful record of each student's work and deportment is kept by the President. This record is based upon a report made to him every two weeks by the Faculty, and enables him to know accurately the class standing and application of each student. A record is also kept by the Registrar of the College. The grades are determined by combining the recitation averages with the examination results. In marking up these averages there is no preference of one branch of study over another, but the estimate is made according to the time devoted to each branch of work.

Reports of standing and punctuality will be sent to parents when requested.

COMMENCEMENT ORATIONS.

Each member of the Senior class is required to present for Commencement an oration or a thesis, which must be placed in the hands of the Professor of English not later than the first of May.

THE COLLEGE HOME.

It is often the case that parents in sending their daughters to college wish to place them directly under the care of the college management where they are sure ample provision will be made for their wants, and their health, conduct, and personal life, will receive proper and constant attention. A college home has accordingly been provided for all who wish to avail themselves of its advantages and benefits. The rooms are large, well lighted and ventilated, and the sanitary arrangements all that could be desired. Each student has her own bed, bureau, washstand, closet and chairs. parlors and choice home library are open to the young ladies every evening, and are generally used by them when not engaged in preparing for class room work. The dining-room is one of the brightest and most attractive rooms in the building, and everything possible is done to secure that cheerfulness which is essential to a good appetite. Great care is taken in the matter of table food, so as to provide the kind and variety of diet which our students need, properly cooked and served. A lady of culture, experience, christian character and in thorough sympathy with young life, resides in the home, so as to give the counsel which young ladies may need, exercise a kind and constant supervision of their life, and secure to them the comforts, conveniences and oversight of a real, true home.

The purpose of this department is not to make money but to make it possible for our students to enjoy the educational advantages offered to young ladies, at the lowest cost, consistent with health and comfort, and to enable parents to send their daughters to us, with the assurance that they will be surrounded with proper safeguards and receive the care they so much need at a critical time in their lives. It is quite important that both parents and pupils should understand that when young ladies engage accommodations in the college home, they by so doing place themselves under our supervision and direction, so that their life here may be wisely controlled, and progress and success in their studies be secured. It will be seen at once that we could not accept the heavy responsibility of the entire care of the students on any other basis. At the same time, the government of the home will be such as to give the largest allowable freedom, develop a regard for the rights of others and the qualities of a refined, strong, womanly character.

EXPENSES.

The College year is divided into three terms. The first term begins Sept. 15th, and ends December 23d; second begins Jan. 5th, and ends March 26th; third begins April 6th, and ends June 17th. The dues for each term are payable at the time of entrance, or previous to the end of the second week.

No student will be permitted to attend regular recitations after the end of the second week of each term, unless she is provided with the Treasurer's or Registrar's card, showing that her College dues have been paid, or that satisfactory arrangements for their payment have been made. Students entering are expected to remain until the close of the term, and any withdawing before that time cannot expect to have any portion of their tuition returned. A reduction of 25 per cent. from general fee will be made to daughters of clergymen, missionaries or persons engaged entirely in Christian work. All checks, drafts, and money orders should be made payable to the Treasurer of Marietta College.

The general tuition fee in the Collegiate department for all students is \$40 per annum. In the Academic department, \$30. Incidental fee in the College, \$10; in the Academy, \$5. This is exclusive of Music and special work in Art. Students who are pursuing scientific studies involving laboratory work will be charged for the use of materials and instruments according to the statements made in the Scientific department. Board and room, including light and heat in the Home of the Woman's College is \$200 for the College year, exclusive of vacations. This amount is divided according to length of the terms, and the amount for each term must be paid by the close of the second week.

Board can be obtained outside the College for from \$2.50 to \$3.50 per week, and rooms for from \$1.00 upwards. This is lessened by two persons occupying the same room. The atmosphere of the locality is favorable to economy, and if the student is careful and economical her expenses will be very low.

HONORS.

DEPARTMENT HONORS.

LATIN.

Honors.

MURIEL CAMPBELL DYAR.

FRENCH.

Honors.

STELLA McKINNEY.

DEGREES CONFERRED IN 1895.

DEGREES IN COURSE.

BACHELOR OF PHILOSOPHY.

MARY FRANCIS DAWES.

BACHELOR OF LETTERS.

HALLA AUVERGNE SKIVINGTON.

STUDENTS.

SENIORS.

| HILL, ANNA AUGUSTA, | Marietta, | 728 Fifth. |
|---------------------|-----------|------------|
| | | |

JUNIORS.

| Andrews, Amanda Laughlin, | Marietta, | 500 Front. |
|----------------------------|-----------|-------------|
| BUELL, ROWENA, | Marietta, | 331 Fifth. |
| DYAR, MURIEL CAMPBELL, | Marietta, | 517 Fourth. |
| McKinney, Stella, | Marietta, | 422 Fifth. |
| WILHELM, CARRIE ELIZABETH, | Marietta, | 516 Third. |

SOPHOMORES.

| CHAMBERLIN, MARY LOUISE, | Marietta, | 307 Wooster. |
|------------------------------|-------------|-----------------|
| DICKINSON, ETHEL MAY, | Marietta, | 300 Fourth. |
| EDDY, MARY ELIZABETH, | Delaware, | M. C. W. |
| HUTCHISON, JENNIE DRUSILLA, | Marietta, | 211 Fourth. |
| PLANNETTE, LOUISE CHARLOTTE, | Marietta, | M. C. W. |
| Roeser, Anna Catherine, | Marietta, | 405 Third. |
| SCWESINGER, REBECCA, | Cincinnati, | 305 Washington. |

SPECIALS WITH SOPHOMORE CLASS.

| BARTH, GRACE REGINA, | Canton, | M. C. W. |
|----------------------------|----------------|-------------|
| CADWALLADER, AGNES, | Marietta, | 109 Putnam. |
| DYE, ROSELLA MARIA, | Reno, | 407 Third. |
| Morgan, Jessie, | Marietta, | 421 Fifth. |
| RICHARDSON, FLORA SELMONE, | New Matamoras. | 500 Second. |

FRESHMEN.

| BISCOE, ALICE MAY, | Marietta, | 404 Front. |
|------------------------------|-----------------|-------------|
| DALE, RACHEL VANDIVER, | Marietta, | 318 Fourth. |
| HENDERSON, ELIZABETH EUNICE, | Williamstown, W | . Va. |
| RICHARDS, ANNA MARIA, | Marietta, | 504 Third. |
| Shurick, Amy, | Marietta, | 317 Fourth. |
| SIMPSON, ETHELYN GRANT, | Marietta, | 507 Fifth. |
| WARNER, FRANCES ELIZABETH, | Marietta, | 514 Butler. |

SPECIALS WITH FRESHMAN CLASS.

| DALE, WINIFRED, | Marietta, | 318 Fourth. |
|------------------------|-----------------|-------------|
| DAVIS, MARGRETTA, | Pomeroy, | M. C. W. |
| DAVIS, SARAH JEANETTE, | Pomeroy, | M. C. W. |
| DYAR, JULIA ALICE, | Marietta, | 517 Fourth. |
| GURLEY, LAURA CLARKE, | Marietta, | 515 Fifth. |
| Koons, Mary Roysten, | McConnelsville, | M. C. W. |
| McKay, Agnes Dana, | Marietta, | 505 Putnam. |

SPECIAL STUDENTS.

| Allen, Florence, | Marietta, | 226 Franklin |
|----------------------------|----------------|-------------------|
| BOYD, FLORENCE, | Marietta, | 320 Second. |
| COTTON, WILLIA DAWSON, | Marietta, | 412 Fifth. |
| EBINGER, CLARA CATHERINE, | Marietta, | 323 Third. |
| ELSTON, JOAN, | Crawfordsville | |
| | | 413 Putnam. |
| HOLDEN, ELIZABETH CLARK, | Marietta, | 509 Fourth. |
| LEEPER, MINNIE CATHARINE, | Marietta, | 330 Second. |
| MACFADYEN, EDITH FRANCES, | Cambridge, M | ass., 231 Putnam. |
| NYE, KATHERINE PARR, | Marietta, | 309 Fourth. |
| OGLE, BLANCHE LEOTA, | Marietta, | 215 Fourth. |
| ORR, MINNIE M., | Marietta, | 526 Fourth. |
| PALMER, WINIFRED, | Marietta, | 319 Second. |
| SIMPSON, MANIRA LORRAINE, | Marietta, | 210 Fifth. |
| THEIS, WINIFRED CATHERINE, | Marietta, | 313 Fifth. |
| WARD, WILLIA WAKEFIELD, | Marietta, | 231 Putnam. |
| Weiss, Lily, | Marietta, | 415 Second. |

MUSIC STUDENTS.

| Adair, Blanche, | Amesville. | |
|------------------------|---------------|-------------|
| Adair, Eleanor, | Amesville, | 401 Fourth. |
| BARTH, GRACE REGINA, | Canton, | M. C. W. |
| CAMPBELL, ALICE, | Marietta, | |
| CAMPRELL, BLAINE, | Williamstown, | W. Va. |
| CLERC, ADELE, | Marietta, | 331 Fourth. |
| DALE, RACHEL VANDIVER, | Marietta, | 318 Fourth. |
| DAVIS, GRACE FORD, | Marietta, | 418 Fourth. |

| DAVIS, MARGRETTA, | Pomeroy, | M. C. W. |
|--------------------------------|-------------------|-------------|
| DAVIS, SARAH JEANETTE, | Pomeroy, | M. C. W. |
| DAWES, BETSEY GATES, | Marietta, | 508 Fourth. |
| DICKINSON, ETHEL MAY, | Marietta, | 300 Fourth. |
| EBINGER, CLARA, | Marietta, | 323 Third. |
| Evans, Ruth, | Williamstown, W. | Va., |
| GALLAHER, ELIZABETH ALEXANDER, | Bellaire, | M. C. W. |
| HAIGHT, MAMIE, | Marietta. | |
| HAYES, BERTHA, | Marietta, | 429 Second. |
| HUBBARD, DORRIE KILBOURNE, | Wheeling, W. Va. | , M. C. W. |
| JOHNSTON, ELIZABETH OLIVE, | Marietta, | 312 Fifth. |
| KIRBY, MYRTA, | Marietta, | 330 Front. |
| Knowles, Jessie Arvilla, | Marietta, | 213 Fourth. |
| LOCKWOOD, JEANETTE MILDRED, | Marietta, | 228 Third. |
| LOVELL, LUCILE SPURR, | Lathrop, | M. C. W. |
| McAllister, Mahala, | Marietta. | |
| MILLER, CARRIE, | Wheeling, W. Va., | 408 Warren. |
| MILLER, CLARA DELL, | Reno. | |
| MILLS, EDITH, | Marietta, | 430 Fourth. |
| Morgan, Lou Helen, | Marietta, | 421 Fifth. |
| Moser, Laura, | Marietta, | 526 Fifth. |
| Musgrave, Elizabeth, | Utley, | M. C. W. |
| Myers, Margaret, | Cornerville. | |
| Noll, Ida, | Marietta, | 404 Fourth. |
| OGLE, BLANCHE LEOTA, | Marietta, | 215 Fourth. |
| Patton, Clara Lucena, | Macksburg, | 224 Green. |
| PAXTON, ROSA DYE, | Renrock, | 418 Sixth. |
| Plumer, Jennie Minerva, | Marietta, | 623 Fourth. |
| Rea, Anna, | Newport. | |
| REA, GARNET, | Newport. | |
| REYNOLDS, ESTHER, | Constitution. | |
| RICHARDS, ANNA MARIA, | Marietta, | 504 Third. |
| Ross, Wilsie, | Bremen, | 618 Second. |
| Roeser, Anna Catherine, | Marietta, | 405 Third. |
| SIMPSON, MANIRA LORRAINE, | Marietta, | 210 Fifth. |
| SLOAN, MYRA, | Marietta, | 219 Fourth. |
| STRECKER, ELLEN, | Marietta. | |
| SULLIVAN, KATE, | Dexter City, | 410 Fourth. |

| THORNILEY, JULIA, | Reno. | |
|------------------------|-----------------|-------------|
| THEISS, FLORENCE, | Marietta, | 311 Putnam. |
| WEBER, HELEN, | Marietta, | 418 Third. |
| WELLS, DAISIE, | Josiah, W. Va., | M. C. W. |
| WILLIAMS, MABEL CLARE, | Marietta, | 230 Third. |

ART STUDENTS.

| , G. | | | |
|--|------------------------|---------------------------|--|
| BAXTER, ALICE VIRGINIA, | Wellsburg, W. Va | ., 615 Third. | |
| Bell, Minnie, | Marietta, | 407 Hart. | |
| COCHRAN, LULA, | Marietta, | 626 Fourth. | |
| DAWES, BETSEY GATES, | Marietta, | 508 Fourth. | |
| DUTTON, DOLLIE, | Marietta, | 511 Fifth. | |
| DAVIS, GRACE FORD, | Marietta, | 418 Fourth. | |
| Drain, Della, | Gravel Bank. | | |
| FOUTS, AUGUSTA, | Marietta, | 332 Front. | |
| HATHAWAY, LOUISE, | Marietta, | 819 Third. | |
| HARTWICK, MARY HELEN, | Marietta, | 809 Front. | |
| Henderson, Helen Tomlinson, | Williamstown, W. | · Va. | |
| HUBBARD, DORRIE KILBOURNE, | Wheeling, W. V., | M. C. W. | |
| JOHNSTON, ELIZABETH OLIVE, | Marietta, | 312 Fifth. | |
| KELLY, ALICE, | Marietta. | | |
| Knowles, Jessie Arvilla, | Marietta, | 213 Fourth. | |
| LUND, JESSIE MCKEE, | Marietta, | 521 Fourth. | |
| MASON, FLORA, | Marietta, | 515 Second. | |
| MASON, BERNICE HOPE, | Marietta, | 515 Second. | |
| NIXON, ESTELLE, | Marietta, | 720 Fourth. | |
| McCammon, Leota Grace, | Marietta. | | |
| MILLER, LUCY ELLEN, | Reno. | | |
| MILLER, CARRIE, | Wheeling, W. Va. | , 408 Warren. | |
| NYE, HELENA, | Marietta, | 209 Scammel. | |
| REPPERT, CHRISTINE, | Marietta. | | |
| RILEY, FRANCES DIBBLE, | Marietta, | 401 Fourth. | |
| SUGDEN, NELLIE LEA, | Marietta, | 319 Gilman. | |
| TURNER, MATILDA, | Marietta, | 325 Second. | |
| Turner, Dora May, | Marietta, | 520 Second. | |
| TINKER MARY ROWLAND, | Wheeling, W. Va. | | |
| WILHELM, EMMA MARIAN, WHITE, BARBARA, | Marietta, Marietta, | 516 Third. 434 Second. | |
| WHITE, ELEANOR, | Marietta, | 434 Second. | |

THE ACADEMY

OF

MARIETTA COLLEGE FOR WOMEN.

GENERAL STATEMENT.

This department of our educational work is carried on in buildings ample in size, well lighted, ventilated and arranged, and possesses all the facilities and equipments needed for doing the most effective preparatory work. Its primary aim is to give to young women a vigorous mental culture and training, and to fit them in every way for the higher, more severe and comprehensive work of the College Courses. It does this by offering through modern methods, instruction in all subjects required for admission to the leading Colleges of the country.

In seeking to attain this end it has also made its curriculum in Language, Literature, History, Science and Mathematics so broad, its training so thorough, and has brought its classes into such intimate relation with the different departments of the College itself, that it is able to offer exceptional advantages to those who, for various reasons, are unable to pursue the more extensive studies required to secure a full and advanced education. All such will find the studies well grouped, and well adapted, not only to lay a foundation for after literary studies and pursuits, but also to secure a good mental discipline, and a large amount of general and useful knowledge.

The teaching force being ample, special attention will be paid to individual needs, and great care taken to teach the student how to study, how to apply her mental faculties, how to concentrate her energies upon any given work so as to make her studies yield her the largest benefit and training and truly fit her for doing with proficiency and honor whatever advanced work she may wish to undertake. While in this department, the student will be closely watched as to her mental progress, and all possible assistance will be given her to form those habits of mental determination, concentration, accuracy, thoroughness, persistence, and of looking at things patiently and from all sides, without which no student can reach intellectual eminence, make high attainments in scholarship, or win any measure of honorable success. Believing that what is put into the first of life is put into the whole of life, it will be the purpose of

the instructors during these formative years of student life, to help each young woman not only to acquire knowledge, but also to secure the most effective discipline and mastery of all her powers of which she is capable.

Arrangements have also been made by which the students who are advanced in English studies and have made progress in Science and Mathematics can concentrate their time and energy on deficient language studies until these are made up. In this way some of our best students have completed the regular preparatory Classical Course in less than the prescribed period of three years for Latin and two for Greek. Abundant opportunities will be provided, to enable active, industrious students to progress as rapidly as health, strength, mental capacity and thoroughness of work will allow.

But while everything possible will be done to assist students in making up required studies, which they have not had the facilities to pursue elsewhere, we earnestly recommend young women seeking a good sound education to enter the Academy at an early age. Its courses of study are so graded and systematized, and its methods of instruction are chosen with such constant reference both to elementary and higher work, that the student cannot fail to receive a greater benefit and a more effective training than are possible from schools limited in their requirements and work, where the advanced studies are not kept in view, the inspiration of the College spirit is not felt, and the benefit of College aid is not enjoyed.

Candidates for admission will be received at any time, but as far as they can do so, they are urged to present themselves at the beginning of the year or term. They are required to bring with them testimonials of good character, and an accurate and full record of work previously done. Blanks for this purpose will be furnished upon application. When these certificates indicating the amount of work accomplished have been received, credit will be given accordingly and the students will be assigned to classes for which they are qualified.

The Academy Literary Society meets weekly for literary work. Arrangements have been made so that students in the Academy can have the use of the College Libraries, with more than fifty thousand volumes, and newspapers and magazines, upon the same terms as students of the College.

The general tuition fee in the Academy is \$30 per annum, the incidentals \$5.

Special attention is given, both in the Literary Society and in the class room, to training in composition and written and extemporaneous discourse. Specimens of literature known to be models of clearness, precision, purity and force, both in thought and language, are recited and interpreted, and the student is here taught to think closely, accurately, methodically, and to express herself in well chosen and forcible speech.

The moral and religious development of the young women will be carefully looked after, and the promotion of their spiritual good and highest usefulness will be kept in view in all their work in this department.

COURSES OF STUDY.

The studies in the Academy comprise: 1. Required work, which must be taken by all students who pursue a regular course, and

2. Elective groups, one of which must be chosen in addition to the required studies.

I. Required Studies.

Algebra through Ratio and Proportion four terms and Plane Geometry two terms, Physiology two terms, History and Civil Government four terms, English eight terms, Art one term and Drawing throughout the course.

11. Elective Groups.

- GROUP A. This group includes three years of Latin and two of Greek, and will be taken by those who wish to prepare for the Classical Course in College.
- GROUP B. This group includes three years of Latin and two years of either German or French.
- GROUP C. This group includes three years of Latin, one year of Physics and Botany, one of Chemistry.
- GROUP D. In this group are a year of History, one year of Physics and Botany, one of Chemistry, and two of either German or French.

LATIN.

- 1. First Latin Book. The work of the first half year is based upon Collar & Daniell's First Latin Book. The effort is to give the pupil a thorough mastery of the declensions and conjugations, and an intelligent comprehension of the simplest constructions. The last half year the Viri Romae is read as transition to Cæsar. Five hours a week.
- 2. Grammar and Composition. This is not a separate course, but is combined with all. The knowledge of forms gained the first half year is not allowed to lapse, and syntax is rigorously dwelt upon throughout the three years. Composition based upon the texts read is also carried through the course.
- 3. Casar. The first half of the second year is devoted to Casar's Gallic War. Four books are read, sight reading occupies a prominent place in the recitations, and the geography and history of Gaul and the Gallic and German customs are dwelt upon sufficiently to enable the pupil to comprehend what she is reading. Four hours a week.
- 4. CICERO. The last half of the second year is given to this author. In 1897 the following orations will be read: The four orations against Catiline, The Citizenship of Archias, The Defence of Milo. Four hours a week.
- Vergil and Ovid. At least six books of the Aenid are read during the third year. Considerable attention is paid to the metrical reading of the poem. Portions of the Metamorphoses of Ovid are read at sight. Four hours a week.

For Roman History see under "History." The Roman method of pronunciation is used. Provision is made for pupils desiring an unusual amount of Science to drop Latin at the end of the second year. For such pupils the work may be varied slightly to meet their especial needs.

GREEK.

- FIRST GREEK BOOK. Greek is pursued during the last two years
 of the Academy course. Graves & Hawes' First Book in
 Greek is made the basis of instruction for the first half year,
 and the pupil is grounded in forms and exercised in translation and composition. Five hours a week.
- 2. Grammar and Composition. The treatment here is very similar to that in Latin, both subjects being made prominent through the preparatory course.
- 3. Xenophon. At least four books of the Anabasis are readduring the second half of the first year, and the first term of the second year. Sight reading is an important feature of the recitations. Four hours a week.
- 4. Homer. The last two terms of the second year are devoted to the Iliad, of which at least three books are read. Careful attention is paid to the Homeric forms, syntax and verse.

For Greek History see under "History."

GERMAN.

- 1. ELEMENTARY GERMAN. German Grammar, Joynes-Meissner, Parts I and II, with readings from Grimm's Maerchen, Heyse's L'Arrabiata, Storm's Immensee, Benedix die Hochzeitsreise and Doktor Wespe. Class room work conducted so far as practicable in German. Five hours a week through the year.
- German Classics. Advanced Grammar and Composition with readings from classical authors. Schiller's William Tell, Goethe's Hermann und Dorothea, Lessing's Minna Von Barnhelm. Conversation and sight reading. Four hours a week through the year.

These courses in German are designed to afford a practical knowledge of the language and to acquaint the student with some of the classics in German Literature. The texts for translation vary from year to year. Class room work conducted as far as practicable in German.

FRENCH.

- ELEMENTARY COURSE. French Primer, Elementary Grammar, Reader, translation of standard Modern French: L'Abbe Constantin (Halevy), La Famille de Germandre (George Sand), Le Mariage de Gerard (Theuriet), or Le Roi des Montagnes (About). Conversation and sight reading. Five hours a week through the year.
- 2. Modern Prose and Poetry. Advanced Grammar and Composition, Le Roman d'un Jeune Homme Panore, Pecheur d'Islande (Loti), French Lyrics (Bowen), sight reading and conversation. Four hours a week through the year.

The courses in French, of which these are the basis, aim to impart to the student such knowledge of the language as will give a practical command of it and develop a taste for what is best in French literature. The works selected for translation will be changed from time to time and careful attention given to conversation.

ENGLISH.

- FIRST YEAR. Elementary Composition with Reading, Spelling, especial attention being given to Punctuation. Church's Stories of the Old World, The Vision of Sir Launful, Whittier's Snow Bound will be read. Three hours a week throughout the school year.
- SECOND YEAR. Application of principles of Rhetoric with practice in oral and written paraphrasing; Composition, Reading and Spelling. Addison's Roger de Coverley, Irving's Sketch Book, and Longfellow's Evangeline will be read. Three hours a week throughout the school year.
- 3. Third Year. Outline of English Literature with study of the principal forms. Stopford Brooke's Primer of English Literature is used as a text-book. Practical Rhetoric with application of principles. During the year will be read one of Scott's longer poems, Shakespeare's Twelfth Night, Millton's L'Allegro, Macaulay's Essays. These will furnish subjects for composition and criticism. Four hours a week second and third terms.

In the study of English the object will be to secure correct forms of expression and to cultivate a taste for the best reading. Standard authors read are those recommended by the Commission of Colleges in New England, and required for admission to Marietta College for Women. .

HISTORY AND CIVIL GOVERNMENT.

1. HISTORY: United States, Johnston's.

HISTORY: General, Myers's.
 CIVIL GOVERNMENT: Fiske's.

The work of this department begins with the study of United States History in the first year; in case students show that they have gained sufficient elementary knowledge of the subject in the public school, the study of English or French History will be substituted for it.

The study of General History occupies two terms of the second year and one term of the third year. Special attention is given to Greece and Rome, in connection with the study of Latin or Greek; and the effort is made to help students to grasp as clearly as possible the outline of important events in the life of each country, as well as to make plain the connection of the institutions and civilization of Europe as a whole.

The Civil Government of the United States is studied during one term of the third year Our present forms of government—town, county city, state and national—are made plain by tracing their development in connection with the history of the country

MATHEMATICS.

- 1. ALGEBRA. The study of Algebra is begun in the first year of the Creparatory Course and is continued throughout the year and one term of the following year. In this time the student advances through the subject of Ratio and Proportion in Wentworth's Higher Algebra. The text-book work is supplemented by a large number of problems from other sources. Four hours a week.
- 2. Geometry. Two terms of the third year are devoted to this

branch of Mathematics, and this time Plane Geometry is completed. Original demonstrations and the solution of problems form a very important part of the work. Four hours a week:

As Arithmetic is not included in the course, students on entering will be expected to furnish satisfactory evidence of having completed some good text-book, such as White's Complete Arithmetic.

SCIENCE.

The end kept in view in the teaching of Science is to develop the faculty of close and thorough observation of phenomena, the habit of taking careful and accurate notes of observations, and the power of reasoning from the data thus obtained.

The laboratory work in Physics consists of experiments requiring simple apparatus, and, as far as possible, of those which can be completed within a period of one hour. Accurate measurement is insisted upon, but not to such an extent that the pupil loses sight of the general principle to be illustrated in her efforts to get her data accurate, and she is always led to seek for all sources of error in her experiments. In the class work the solution of a large number of problems is required, the better to fix the meaning of the laws in the minds of the pupils.

In Chemistry, the class work consists of the careful study of the first nineteen chapters of Remsen's Chemistry, Briefer Course, with laboratory work to cover about the same ground. The remaining chapters of the book are passed over more rapidly, to give the student some idea of the characteristics of the groups of elements treated.

STUDIES IN THE ACADEMY OF

Required Studies.

GROUP A.

FIRST YEAR.

ALGEBRA: (4)-3 Terms.

LATIN: (5) 3 Terms.

Physiology: (3)—1st and 2d Terms.

ART: (3)—3d Term. ENGLISH: (3)—3 Terms. DRAWING: (1)—3 Terms.

SECOND YEAR.

ALGEBRA: (4)—1st Term.

LATIN: (4)-3 Terms.

HISTORY: (3)—2d and 3d Terms.

GREEK: (5)-3 Terms.

English: (3)—3 Terms. Drawing: (1)—3 Terms.

THIRD YEAR.

GEOEETRY: (4) - 1st and 2d Terms.

LATIN: (4)-8 Terms. GREEK: (4)-8 Terms.

CIVIL GOVERNMENT: (4)—3d Term. HISTORY: (4)—1st Term.

ENGLISH: (4)-2nd and 3d Terms.

DRAWING: (1)-3 Terms.

One Group Must Be Selected.

GROUP B.

GROUP C.

GROUP D.

FIRST YEAR.

LATIN: (5)-3 Terms.

LATIN: (5)-8 Terms.

HISTORY: (5)-3 Terms.

SECOND YEAR.

LATIN: (4)-3 Terms.

LATIN: (4)—3 Terms.

Physics: (4)-1st and 2nd

GERMAN OR FRENCH: (5)

Physic: (4)—ist and 2nd

Terms.

Terms.

Terms.

BOTANY: (4)—3rd Term.

Rom

BOTANY: (4)-3rd Term.

GERMAN OR FRENCH: (5).

3 Terms.

THIRD YEAR.

LATIN: (4)-3 Terms.

Latin, German or French:

CHEMISTRY: (4)-3 Terms.

GERMAN OR FRENCH: 3

(4)—3 Terms.

GERMAN OR FRENCH: (4)

Terms.

CHEMISTRY: (1)-3 Terms.

3 Terms.

All regular students must take the Required Studies and one of the four groups, A, B, C and D, for the three years of the Preparatory Course.

Group A is for those who wish to study Greek; Group B permits the substitution of a modern language for Greek; Group C combines Latin with two years of Scientific work: Group D gives larger opportunity for the study of Science, joined with French or German.

ACADEMY STUDENTS.

A CLASS.

| Knowles, Jessie Arvilla, | Marietta, | 213 Fourth. |
|--------------------------|-----------|-------------|
| SNIFFEN, EDITH MARY, | Marietta, | 226 Fifth. |
| TAYLOR, JULIAN LILIAN, | Marietta, | 410 Harmar. |
| WILHELM, EMMA MARIAN, | Marietta, | 516 Third. |

B CLASS.

| Adair, Eleanor, | Amesville, | 401 Fourth. |
|--------------------------------|------------------|-------------|
| DAVIS, GRACE FORD, | Marietta, | 418 Fourth. |
| DAWES, BETSEY GATES, | Marietta, | 508 Fourth. |
| DUTTON, DOLLIE, | Marietta, | 511 Fifth. |
| GALLAHER, ELIZABETH ALEXANDER, | Bellaire, | M. C. W. |
| HATHAWAY, LOUISE, | Marietta, | 319 Third. |
| HENDERSON, HELEN TOMLINSON, | Williamstown, W. | Va. |
| Lund, Jessie McKee, | Marietta, | 521 Fourth. |
| Mason, Flora, | Marietta, | 515 Second. |
| MILLER, LUCY ELLEN, | Reno, | Third. |
| REPPERT, CHRISTINE, | Marietta. | |
| RILEY, FRANCES DIBBLE, | Marietta, | 401 Fourth. |
| Roeser, Matilda Fredericka, | Marietta, | 407 Third. |
| TURNER, HOPE, | Marietta, | 314 Fifth. |
| WHITFORD, MARY ROSE, | Earlington, Ky., | 506 Fifth. |
| WHITE, ELEANOR, | Marietta, | 434 Second. |
| | | |

C CLASS.

| DRAIN, DELLA, | Gravel Bank. | |
|-----------------------|--------------|---------------|
| HARTWICK, MARY HELEN, | Marietta, | 809 Front. |
| LOVELL, LUCILE SPURR, | Lathrop, | M. C. W. |
| MASON, BERNICE HOPE, | Marietta, | 515 Second. |
| SUGDEN, NELLIE LEA, | Marietta, | 319 Gilman. |
| TINKER, MARY ROWLAND, | Wheeling, W. | Va., M. C. W. |
| TURNER, DORA MAY, | Marietta, | 520 Second. |
| VICKERS, PHOEBE ANNA, | Marietta, | 620 Second. |
| WHITE, BARBARA FRICK, | Marietta, | 434 Second. |

SPECIAL STUDENTS.

| BAXTER, ALICE VIRGINIA, | Wellsburg, W. Va. | , 613 Third. |
|-----------------------------|-------------------|--------------|
| Bell, Minnie, | Marietta, | 407 Hart. |
| McCammon, LEOTA GRACE, | Marietta. | |
| FOUTS, AUGUSTA, | Marietta, | 332 Front. |
| HUBBARD, DORRIE KILBOURNE, | Wheeling, W. Va., | M. C. W. |
| JOHNSTON, ELIZABETH OLIVE, | Marietta, | 312 Fifth. |
| KELLY, ALICE FRIEND, | Marietta. | |
| McMaster, Mary Grace, | Marietta, | 122 Fourth. |
| MILLER, CARRIE, | Wheeling, W. Va., | 408 Warren. |
| Musgrave, Elizabeth, | Utley, | M. C. W. |
| REMLEY, MINA | Marietta, | 505 Fifth. |
| REPPERT, ELIZABETH REBECCA, | Marietta. | |
| Ross, Wilsie, | Bremen, | 618 Second. |
| WILLIAMS, MABEL CLARE, | Marietta, | 230 Third. |

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